

Appendix L
Traffic Study

Appendices

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Programmatic Traffic Impact Study



COUNTY OF LOS ANGELES GENERAL PLAN UPDATE

Submitted by:



Prepared for:

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Transportation and Circulation

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EXECUTIVE SUMMARY

This report summarizes existing and projected traffic conditions in the County's Planning Areas. The County's Planning Areas consist of unincorporated land outside incorporated City Planning Areas plus the adopted Sphere of influence (SOI).

Buildout of the County's proposed General Plan Update land use in place of the existing Plan would change traffic patterns on the County's roadway, including those monitored by the Los Angeles County Congestion Management Program (CMP), and at principal intersections. However, without implementation of mitigation measures, impacts would be potentially significant. Implementation of the proposed Plan Update would not result in a change in air traffic patterns, substantially increase hazards due to a design feature or incompatible uses, result in inadequate emergency access, or generate a parking demand that exceeds municipal code-required parking capacity. Furthermore, implementation of the proposed Plan would promote policies, plan, and programs supporting alternative transportation, and remove hazards and barriers to pedestrian and bicyclists. Therefore, with the implementation of mitigation measures potential traffic and circulation impacts would be less than significant.

1.0 EXISTING CONDITIONS

1.1 Socioeconomic Data, Trips and Transportation Performance Measures

Table 1 summarizes key transportation performance measures for the County Planning Areas including trips, vehicle miles traveled and vehicle hours of travel. Existing Transportation conditions for each Planning Area are summarized in the following section.

Table 1 – Existing Unincorporated County Planning Area Travel Performance Measures (Daily)

Planning Area	Existing Daily Trips	Existing Truck Trips	Existing Vehicle Miles of Travel	Existing Vehicle Hours of Travel
Antelope Valley	260,220	5,792	3,868,720	95,263
East San Gabriel Valley	896,100	29,174	10,208,914	281,574
Gateway	422,068	19,796	4,303,181	128,242
Metro	457,054	14,334	3,884,605	120,039
San Fernando Valley	135,360	3,692	1,481,508	41,166
Santa Clarita Valley	339,899	8,732	4,428,105	121,113
Santa Monica Mountains	167,122	4,000	2,424,947	68,105
South Bay	295,360	10,949	2,666,355	79,770
West San Gabriel Valley	443,589	11,855	4,519,194	131,002
Westside	210,707	5,835	1,886,738	63,382

Source: Southern California Association of Governments Regional Travel Demand Model

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Antelope Valley Planning Area

A large portion of the Antelope Valley Planning Area is unincorporated County land, with the exception of the Cities of Lancaster and Palmdale. As of 2010, these unincorporated County areas had a population of 76,846 and employment base of 8,800 jobs. This represents approximately 20 percent of the Planning Area's population base and 10 percent of the Planning Area's employment base. These County unincorporated portions of the Antelope Valley currently generate 260,220 daily trips, 3,868,720 daily VMT, 95,263 daily VHT and 5,792 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- 30th Street – ADT 0.04 (s/o Avenue E) ; Major Highway (between Avenue D and Avenue E)
- Sierra Highway – ADT 4.1 – 4.7 (between Avenue E and Avenue F) ; Major Highway (between Avenue B and Avenue F)
- 50th Street – ADT 8.9 – 14.6 (between Avenue M and Avenue N) ; Secondary Highway (between Avenue E and Avenue F); Major Highway (between Avenue M and s/o Avenue P)
- 47th Street – ADT N/A; Secondary Highway (between Pearblossom Highway and Mt. Emma Road)
- 126th Street – ADT N/A ; N/A
- 160th Street – ADT N/A; N/A
- 210th Street – ADT N/A ; N/A
- 240th Street – ADT N/A; Secondary Highway (between Avenue J and Avenue P); Major Highway (between Avenue P and Palmdale Boulevard)
- Largo Vista Road – ADT N/A; Secondary Highway (between Avenue Y and Big Pines Highway); Limited Secondary Highway (between Avenue Y and Pearblossom Highway)
- San Gabriel Canyon Road (SR-39) – ADT N/A ; Limited Secondary Highway
- Mount Wilson Red Box Road – ADT N/A ; N/A
- Angeles Forest Highway – ADT 3.4 (w/o Big Tujunga Canyon Road); Major Highway
- Upper Big Tujunga Canyon Road – ADT N/A ; N/A

East-West Highways

- Avenue B – ADT N/A ; N/A
- Avenue C – ADT N/A ; N/A
- Lancaster Road (SR-138) – ADT N/A; N/A
- Avenue D – ADT 2.5 – 2.9 (between w/o 110th Street and e/o 90th Street) ; N/A
- Avenue J – ADT 1.0 – 2.5 (between 90th Street and e/o 170th Street) ; Major Highway (between 90th Street and 170th Street); Secondary Highway (between 170th Street and 240th Street)
- Avenue K/Avenue K 8 – ADT 0.5 (e/o 150th Street); Secondary Highway (between 110th Street and 152nd Street)
- Avenue O – ADT 1.0 (e/o 180th Street): Secondary Highway
- Avenue P – ADT N/A : N/A
- Palmdale Boulevard – ADT N/A ; Major Highway
- Pearblossom Highway (SR-138 w/o Antelope Highway; SR-18 e/o Antelope Highway) – ADT 15.2 (w/o 82nd Street) ; Major Highway (between Antelope Highway and 263rd Street)
- Antelope Highway (SR 138) – ADT 8.2 (w/o 263rd Street) ; N/A
- Big Pines Highway – ADT 0.1 – 0.4 (between MM1.22 and MM10.79) ; Limited Secondary Highway

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- Angeles Crest Highway (SR-2) – ADT N/A ; Major Highway (w/o Mt. Wilson Red Box Road); Limited Secondary Highway (e/o Mt. Wilson Red Box Road)

State Highway Network

The Antelope Valley Planning Area is served by portions of the I-5 Freeway and the SR-14 Freeway.

East San Gabriel Valley Planning Area

The East San Gabriel Valley Planning Area has several sections of County unincorporated land area including portions of South Diamond Bar, Rowland Heights, Hacienda and Avocado Heights, East Irwindale, Covina and Glendora Islands, East Azusa, Northeast San Dimas, La Verne, North and West Claremont, East San Dimas, North Pomona, Charter Oak, West San Dimas, Walnut Islands, West Puente Valley, Valinda, South San Jose Hills and South Walnut. As of 2010, these unincorporated County areas had a population of 231,906 and employment base of 29,706 jobs. This represents approximately 25 percent of the Planning Area's population base and 10 percent of the Planning Area's employment base. These County unincorporated portions of East San Gabriel Valley currently generate 896,100 daily trips, 10,208,914 daily VMT, 281,574 daily VHT and 29,174 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- Harbor Boulevard – ADT 32.2 (n/o Wellington Lane) ; Major Highway
- Azusa Avenue – ADT N/A; Local (s/o Colima Road)
- Hacienda Boulevard – ADT 18.9 – 49.8 (between s/o Colima Road and so/ Gale Avenue); Major Highway
- Irwindale Avenue/Sunset Avenue – ADT 21.3 – 25.8 (between Cypress Street and Badillo Street); Major Highway

East-West Highways

- Colima Road – ADT 27.4 – 48.6 (between s/o Camino Del Sur and Fullerton Road) ; Major Highway
- Amar Road – ADT 23.4 – 24.6 (w/o Puente Avenue); 30.1 – 32.2 (between Sunset Avenue and Unruh Avenue); 21.9 (e/o Indian Summer Avenue); Major Highway
- Sunset Avenue – ADT 27.2 (n/o Amar Road) ; Major Highway
- 7th Street – ADT 34.5 (n/o Gale Avenue) ; Major Highway
- Badillo Street – ADT 17.5 – 19.2 (between Orange Avenue and e/o Sunset Avenue) ; Major Highway
- Arrow Highway – ADT 26.4 – 27.1 (between Vincent Avenue and Lark Ellen Avenue) ; Major Highway
- Baseline Road – ADT N/A; Major Highway
- Temple Avenue – ADT N/A ; Major Highway

State Highway Network

The East San Gabriel Valley Planning Area is served by portions of the I-10 Freeway, the SR-210 Freeway, the SR-57 Freeway, the SR-60 Freeway, and the SR-71 Freeway.

Gateway Planning Area

The Gateway Planning Area has several sections of County unincorporated land area including Long Beach Island and portions of Rancho Dominguez, East Compton, Lynwood Island, W. Whittier Los Nietos, North Whittier and South Whittier Sunshine Acres. These unincorporated County areas had a population of 116,079 and employment

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base of 24,516 jobs. This represents approximately 7 percent of the Planning Area's population base and 4 percent of the Planning area's employment base. These County unincorporated portions of the Santa Clarita Valley currently generate 422,068 daily trips, 4,303,181 daily VMT, 128,242 daily VHT and 19,796 daily truck trips.

In terms of the roadway network in this Planning area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- Alameda Street – ADT 17.5 – 20.2 (between Del Amo Boulevard and s/o SR-91) ; Secondary Highway
- Santa Fe Avenue – ADT 6.6 – 16.4 (between Del Amo Boulevard and s/o SR-91) ; Major Highway
- Norwalk Boulevard – ADT 16.0 – 26.2 (between Slauson Avenue and Whittier Boulevard) ; Major Highway
- Carmenita Road – ADT 22.1 – 24.0 (between Imperial Highway and n/o Meyer Road) ; Major Highway
- Painter Avenue – ADT 23.9 (n/o Mulberry Drive) ; Major Highway
- Valley View Avenue – ADT 15.4 – 23.1 (between Imperial Highway and Telegraph Road) ; Major Highway
- La Mirada Boulevard – ADT 13.3 – 21.1 (between Leffingwell Road and Colima Road); Major Highway

East-West Highways

- Mulberry Drive – ADT 19.8 – 29.7 (between Painter Avenue and La Mirada Boulevard); Major Highway
- Telegraph Road – ADT 25.1 – 35.0 (between Gunn Avenue and Leffingwell Road) ; Major Highway
- Mills Avenue – ADT 18.0 – 25.4 (between Telegraph Road and Lambert Road); Secondary Highway

State Highway Network

The Gateway Planning Area is served by portions of the I-710 Freeway, the I-605 Freeway, the I-405 Freeway, the I-105 Freeway, the I-5 Freeway, the SR-91 Freeway, the SR-103 Freeway, and the SR-22 Freeway.

Metro Planning Area

The Metro Planning Area has several sections of County unincorporated land area including portions of East Los Angeles, Florence-Walnut Park/Firestone, W. Athens-Westmont, Willowbrook and W. Rancho Dominguez-Victoria. As of 2010, these unincorporated County areas had a population of 289,110 and employment base of 61,580 jobs. This represents approximately 16 percent of the Planning Area's population base and 10 percent of the Planning area's employment base. These County unincorporated portions of Metro currently generate 457,054 daily trips, 3,884,605 daily VMT, 120,039 daily VHT and 14,334 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- Alameda Street – ADT 37.7 (between Walnut Avenue and Firestone Boulevard); 17.5 (between SR-91 and Del Amo Boulevard); Secondary Highway
- Mountain View Avenue – ADT 6.9 (between Florence Avenue and Santa Ana Street); Local Street
- Central Avenue – ADT 25.0 (between 120th Street and El Segundo Boulevard); Major Highway
- Broadway – ADT 7.8 - 10.8 (between 120th Street and Alondra Boulevard); Major Highway
- Atlantic Avenue – ADT 18.1 - 21.2 (between Rosecrans Avenue and Alondra Boulevard); Major Highway
- Western Avenue – ADT 19.7 – 24.6 (between 108th Street and 124th Street); Major Highway

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- Central Avenue – ADT 25.2 (n/o El Segundo Boulevard); 26.2 (123rd Street); Major Highway
- Alameda Street – ADT 30.4 – 34.9 (between Florence Avenue and 83rd Street); Major Highway
- Santa Ana Avenue – ADT 14.4 - 26.3 (between Florence Avenue and Poplar Place); Major Highway
- Atlantic Boulevard – ADT 35.8 – 24.8 (between Pomona Boulevard and Olympic Boulevard); Major Highway

East-West Highways

- Florence Street – ADT 24.8 - 27.2 (between Central Avenue and Alameda Street ranges); Major Highway
- Firestone Boulevard – ADT 27.9 - 31.5 (between Central Avenue and Alameda Street); Major Highway
- Century Boulevard – ADT 30.0 (e/o Normandie Avenue); Major Highway
- Santa Ana Boulevard - ADT 2.3 (e/o Mona Boulevard); Secondary Highway
- Imperial Highway – ADT 27.5 - 29.7 (between Van Ness Avenue and Vermont Avenue); Major Highway
- El Segundo Boulevard – ADT 20.5 - 27.8 (between Figueroa Street and Central Avenue); ADT 15.3 (between Wilmington Avenue and Alameda Street); Major Highway
- Rosecrans Avenue – ADT 23.6 - 29.4 (between Figueroa Street and Central Avenue); ADT 30.5 (e/o Atlantic Boulevard); Major Highway
- Compton Boulevard – ADT 17.4 (w/o Atlantic Avenue); Secondary Highway
- Redondo Beach Boulevard – ADT 10.6 - 24.4 (between Figueroa Street and Compton Boulevard); Major Highway
- Imperial Highway – ADT 27.3 – 30.7 (between Van Ness Boulevard and Vermont Avenue); Major Highway
- Century Boulevard – ADT 30.0 – 32.5 (near Normandie Ave); Major Highway
- El Segundo Boulevard – ADT 20.5 – 27.8 (between Figueroa Street and Central Avenue); 15.8 - 16.1 (between Wilmington Avenue and Mono Boulevard); Major Highway
- Rosecrans Boulevard – ADT 25.1 – 29.4 (between Broadway and Avalon Boulevard); 20.4 (w/o Atlantic Avenue); 33.4 (Atlantic e/o Atlantic Avenue); Major Highway
- Redondo Beach Boulevard – ADT 9.4 – 26.6 (between Figueroa Street and Main Street); Major Highway
- Manchester Avenue – ADT 2.6 (e/o Firestone Boulevard); Major Highway
- Florence Avenue – ADT 24.8 – 29.2 (between Hooper Avenue and Wilmington Avenue); Major Highway
- Olympic Boulevard – ADT 19.1 – 22.0 (between e/o Garfield and Hendricks Avenue); 22.3 – 37.1 (between e/o Indiana Street and e/o Atlantic Boulevard); Major Highway
- Whittier Boulevard – ADT 24.7 – 30.9 (between Alma Avenue and Mobile Avenue); Major Highway
- 3rd Street – ADT 7.5 – 16.5 (between Indiana Street and Woods Avenue); Secondary Highway
- Cesar E Chavez Avenue – ADT 13.9 – 30.0 (between Hicks Avenue and e/o Mednik Avenue); Secondary Highway
- Beverly Boulevard – ADT 16.1 – 20.4 (between Atlantic Boulevard and Sadler Avenue); Major Highway

State Highway Network

The Metro Planning Area is served by portions of the I-110 Freeway, the I-105 Freeway, the I-10 Freeway, the I-5 Freeway, the I-710 Freeway, the SR-60 Freeway, and the US-101 Freeway.

San Fernando Valley Planning Area

The San Fernando Valley Planning Area has several sections of County unincorporated land area including portions of the West Hills, West Chatsworth, Oat Mountain, Sylmar Island, Lopez Canyon, Kagel Canyon, La Crescenta Montrose, and Universal City. As of 2010, these unincorporated County areas had a population of 19,980 and employment base of 5,892 jobs. This represents approximately one percent of the Planning Area's population base and 0.8 percent of the Planning Area's employment base. These County unincorporated portions of San

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Fernando Valley currently generate 135,360 daily trips, 1,481,509 daily VMT, 8,679 daily VHT and 3,692 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- N/A

East-West Highways

- Lake Manor Drive – ADT 5.5 – 7.0 (between Valley Circle Boulevard and e/o Applegate Terrace); Major Highway
- Foothill Boulevard – ADT 18.1 – 25.7 (between Pennsylvania Avenue and Briggs Avenue); Major Highway

State Highway Network

The San Fernando Valley Planning Area is served by portions of the I-210 Freeway, the I-5 Freeway, the I-405 Freeway, the SR-170 Freeway, SR-134 Freeway, SR-118 Freeway, and SR-2 Freeway.

Santa Clarita Valley Planning Area

A large portion of the Santa Clarita Planning Area is unincorporated land area with the exception of the City of Santa Clarita. As of 2010, these unincorporated County areas had a population of 95,263 and employment base of 19,638 jobs. This represents approximately 35 percent of the Planning Area's population base and 19 percent of the Planning Area's employment base. These County unincorporated portions of the Santa Clarita Valley currently generate 339,899 daily trips, 4,428,105 daily VMT, 121,113 daily VHT and 8,732 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- Sierra Highway – ADT 7.3 – 10.3 (between s/o San Canyon Road and Davenport Road) ; Major Highway
- Plum Canyon Road – ADT 17.9 – 18.1 (between w/o Via Joyce Drive and e/o La Madrid Drive); Major Highway

East-West Highways

- Henry Mayo Drive – ADT N/A; Expressway
- Cross Valley Connector – ADT N/A; N/A

State Highway Network

The Santa Clarita Valley Planning Area is served by portions of the I-5 Freeway and the SR-14 Freeway.

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Santa Monica Mountains

A large portion of the Santa Monica Mountains Planning Area is County unincorporated land. As of 2010, these unincorporated County areas had a population of 18,074 and employment base of 13,707 jobs. This represents approximately 21.5 percent of the Planning Area's population base and 24 percent of the Planning Area's employment base. These County unincorporated portions of Santa Monica Mountains currently generate 167,122 daily trips, 2,424,947 daily VMT, 68,105 daily VHT and 4,000 daily truck trips.

There are no key arterials that pass through the County unincorporated portions of the area; however, the Santa Monica Mountains Planning Area is served by portions of the US-101 Freeway.

South Bay Planning Area

The South Bay Planning Area has several sections of County unincorporated land area including areas in the Palos Verde Peninsula, Alondra Park, Del Air, Lennox, Hawthorne and West Carson. As of 2010, these unincorporated County areas had a population of 70,770 and employment base of 22,430 jobs. The County proportion represents approximately seven percent of the Planning Area's population base and 4.5 percent of the Planning Area's employment base. These County unincorporated portions of South Bay currently generate 295,360 daily trips, 2,666,355 daily VMT, 79,770 daily VHT and 10,949 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following (daily traffic is shown in thousands – for example, ADT 37.7 indicates 37,700 daily vehicles on the roadway segment):

North-South Highways

- Vermont Avenue – ADT 17.2 - 24.2 (between Del Amo Boulevard and Lomita Boulevard); Major Highway
- Hawthorne Boulevard (SR-107) – ADT 38.9 (near Lennox Boulevard); Major Highway
- La Cienega Boulevard – ADT 8.8 - 10.6 (between I-105 and El Segundo Boulevard); Major Highway

East-West Highways

- Torrance Boulevard – ADT 30.9 - 31.2 (between Normandie Avenue and Vermont Avenue); Secondary Highway
- Manhattan Beach Boulevard – ADT 17.6 - 21.4 (between Prairie Avenue and Crenshaw Boulevard); Major Highway
- Sepulveda Boulevard – ADT 48.2 (between Normandie Avenue and Vermont Avenue); Major Highway
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State Highway Network

The South Bay Planning Area is served by portions of the I-405 Freeway, the I-110 Freeway, the I-105 Freeway, the SR-91 Freeway, and SR-47 Freeway.

West San Gabriel Valley Planning Area

The West San Gabriel Planning Area has several sections of County unincorporated land area including all or portions of the Whittier Narrows, South San Gabriel, East Pasadena, East San Gabriel, South Monrovia Islands, South El Monte Island, San Pasqual, Kinneloa Mesa, and Altadena. As of 2010, these unincorporated County areas had a population of 123,374 and employment base of 17,686 jobs. This represents approximately 13 percent of

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the Planning Area's population base and five percent of the Planning Area's employment base. These County unincorporated portions of West San Gabriel Valley currently generate 443,589 daily trips, 4,519,194 daily VMT, 131,002 daily VHT and 11,885 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- Rosemead Boulevard (SR-19) – ADT 26.4 – 44.7 (between Rush Street and San Gabriel Boulevard) ; Major Highway
- Rosemead Boulevard (SR-19) – No ADT count data available between 210 Freeway and North of Longden Avenue; Major Highway
- San Gabriel Boulevard – ADT 16.5 (s/o Del Mar Avenue); 17.1 (n/o Hill Street); 24.5 (s/o Del Mar Avenue); Major Highway
- Sierra Madre Boulevard – ADT 17.9 (n/o San Pasqual Street)
- Peck Road – ADT 26.6 (n/o Rooks Road); Major Highway
- Myrtle Avenue – ADT 21.8 – 22.5 (between s/o El Camino Real and n/o Shrode Ave); Major Highway

East-West Highways

- Potrero Grande Drive – ADT 8.2 (n/o Hill Street); 15.0 (s/o Hill Street); Major Highway
- Live Oak Avenue – ADT 25.6 (w/o 10th Avenue); 25.0 (w/o Peck Avenue); Major Highway
- New York Drive – ADT 13.6 (e/o Altadena Drive); 8.5 - 9.7 (between Altadena Drive and Lake Avenue); Major Highway
- Woodbury Road – ADT 7.6 – 12.9 (between Lake Avenue and Mariposa Street); 12.9—18.4 (between Mariposa Street and Marengo Street); 15.3-21.4 (Marengo Street and Windsor Avenue); Secondary Highway
- Huntington Drive – ADT 27.6 – 34.7 (between Michillinda Avenue and Madres Street); Parkway

State Highway Network

The West San Gabriel Valley Planning Area is served by portions of the I-210 Freeway, the I-605 Freeway, the I-710 Freeway, the SR-110 Freeway, the I-10 Freeway, and the SR-60 Freeway.

Westside Planning Area

The Westside Planning Area has several sections of County unincorporated land area including the Veteran's Administration Hospital area, Marina Del Rey and Ladera Heights/Viewpark/Windsor Hills. As of 2010, these unincorporated County areas had a population of 27,600 and employment base of 18,533 jobs. This represents approximately three percent of the Planning Area's population base and 2.5 percent of the Planning Area's employment base. These County unincorporated portions of Westside currently generate 210,707 daily trips, 1,886,738 daily VMT, 63,382 daily VHT and 5,835 daily truck trips.

In terms of the roadway network in this Planning Area, the key arterials that pass through the County unincorporated portions of the area include the following:

North-South Highways

- La Brea Avenue – ADT 27.9 – 31.5 (between Slauson and Stocker Street); Major Highway
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East-West Highways

- Slauson Avenue – ADT 35.4 - 87.3 (between Shenandoah Avenue and Overhill Drive); Major Highway
- Stocker Street – ADT 19.4-49.5 (between La Cienega Boulevard to La Brea Avenue); Major Highway

State Highway Network

The Westside Planning Area is served by portions of the I-405 Freeway, the I-10 Freeway, and the SR-90 Freeway.

1.2 County Unincorporated Study Intersection Analysis – Existing Conditions

This study incorporates analysis at the intersection level for the County of Los Angeles designated Congestion Management Program (CMP) intersections. The CMP was created following passage of Proposition 111 and it is intended to link transportation, land use and air quality decisions for urban areas within California. The CMP assesses transportation operating conditions at key locations for the County of Los Angeles, and it is implemented by the Metropolitan Transportation Authority (Metro) within the County. The CMP requires monitoring of the CMP roadway system and key intersections. In the County unincorporated area there are a total of 15 monitoring intersections. Those 15 locations are included in this study and are assessed for both existing conditions as well as future with and without project conditions. The most recent year that Metro conducted CMP intersection analysis was 2013.

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Level of Service (LOS) Criteria

The efficiency of traffic operations at a location is measured in terms of Level of Service (LOS). LOS is a description of traffic performance at intersections. The LOS concept is a measure of average operating conditions at intersections during an hour and it is based on a volume-to-capacity (V/C) ratio. Levels range from 'A' to 'F', with 'A' representing excellent (free-flow) conditions and 'F' representing extreme congestion.

Table 2 below describes the level of service concept and operating conditions expected under each level of service for signalized intersections.

Table 2: Level of Service description for Signalized and Unsignalized Intersections

LOS	Interpretation
A	Vehicles are completely unimpeded in their ability to maneuver within the traffic stream. Control delay at intersections is minimal. The travel speed exceeds 85% of the base free-flow speed.
B	The ability to maneuver within the traffic stream is only slightly restricted and control delay at intersections is no significant. The travel speed is between 67% and 85% of the base free-flow speed.
C	The ability to maneuver and change lanes at midsegment locations may be more restricted than at LOS B. Longer queues at intersections may contribute to lower travel speeds. The travel speed is between 50% and 67% of the base free-flow speed.
D	Small increases in flow may cause substantial increases in delay and decreases in travel speed. The travel speed is between 40% and 50% of the base free-flow speed.
E	Significant delay is commonly experienced. The travel speed is between 30% and 40% of the base free-flow speed.
F	Congestion is likely occurring at intersections, as indicated by high delay and extensive queuing. The travel speed is 30% or less of the base free-flow speed.
Source: County of Los Angeles 2014	

The study intersections, all of which are controlled by the traffic signals, were analyzed using the Intersection Capacity Utilization (ICU) methodology. The ICU methodology is the preferred method to calculate the existing and future level of service at intersection as per the Los Angeles County guidelines. Some of the inputs that are used in this analysis are existing traffic movement counts, number of lanes and signal control data.

As shown, the levels of service range widely at the 15 county intersections, from LOS A at several locations to LOS F at two locations (La Cienega Boulevard/Stocker Street and Rosemead Boulevard/Huntington Drive). The existing

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conditions level of service results for the 15 CMP study intersections is included in Table 3. In summary, 11 locations operate at LOS D or better in both peak hours, one location has LOS E in the PM peak hour and three locations have LOS F in one or more peak hours. The most congested location is La Cienega Boulevard/Stocker Street, with LOS F during both the AM and PM peak hours.

Table 3 - CMP Study Intersections Within County Unincorporated Area - Existing (2013) Level of Service

	CMP Route	Cross Street	AM Peak Hour			PM Peak Hour	
			V/C Ratio	Level of Service		V/C Ratio	Level of Service
1	Avenue D	60th Street West	0.249	A		0.277	A
2	Azusa Avenue	Colima Road	0.627	B		0.802	D
3	Colima Road	Hacienda Boulevard	0.687	B		0.818	D
4	Henry Mayo Drive	Chiquito Canyon Road	0.386	A		0.399	A
5	Imperial Highway	Carmenita Road	0.740	C		0.942	E
6	La Cienega Boulevard	Stocker Street	1.311	F		1.133	F
7	Lancaster Road	300th Street West	0.184	A		0.195	A
8	Pacific Coast Highway	Topanga Canyon Boulevard	0.899	D		0.845	D
9	Pearblossom Highway	82nd Street East	0.478	A		0.629	B
10	Pearblossom Highway	Antelope Highway	0.363	A		0.392	A
11	Rosemead Boulevard	Huntington Drive	0.712	C		1.013	F
12	Rosemead Boulevard	San Gabriel Boulevard	0.737	C		1.041	F
13	Sierra Highway	Red Rover Mine Road	0.320	A		0.213	A
14	Sierra Highway	Sand Canyon Road	0.535	A		0.814	D
15	Whittier Boulevard	Atlantic Avenue	0.703	B		0.869	D

Source: County of Los Angeles Congestion Management Plan 2013 Intersection Analysis Results

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2.0 HIGHWAY PLAN ANALYSIS

This section discusses the analysis that has been completed to assess the effects of the County of Los Angeles' General Plan Update on the County's transportation system, focusing on highways in the County unincorporated areas. There are two elements to the transportation impact analysis:

- Land Use/Socioeconomic Growth and Changes- This includes growth in the County unincorporated area in terms of development activity, and added population and employment; both of which generate added person trips and vehicle trips.
- Highway Plan Amendments – This includes proposed amendments to the County Highway Plan classification system such as highway classification upgrades (for example, amending the plan designation from a Secondary Highway to a Major Highway for a section of roadway), downgrades (for example, amending the plan designation from a Major Highway to a Secondary Highway), or removal from the designated network (thus changing the classification to a “local” or “collector” road and removing it from the Highway Plan map entirely).

This analysis covers both the estimated land use/socioeconomic growth (changes in population, employment and other activities) in the County unincorporated areas, as well as the proposed amendments to the Highway Plan designations. The purpose of the analysis is to determine if significant transportation system impacts would likely result on the County's highway system from either of the two plan-related actions.

A programmatic level of analysis has been completed for each action using the regional model of the Southern California Association of Governments (SCAG) as the basis for the analysis. The model has been used to test both population and employment growth in the County areas, as well as proposed roadway amendments (reclassifications). The methodology, findings and recommendations of the study are described in detail in this section.

2.1 Thresholds of Significance

In order to assist in determining whether a project will have a significant effect on the environment, the *State CEQA Guidelines*, Appendix G identify criteria for conditions that may be deemed to constitute a substantial or potentially substantial adverse change in physical conditions. Potentially significant impacts on transportation and circulation would occur if the proposed Area Plan would:

- Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to-capacity ratio on roads, or congestion at intersections);
- Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency for designated roads or highways;
- Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks;
- Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment);
- Result in inadequate emergency access;

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- Generate a parking demand that exceeds municipal code-required parking capacity;
- Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks); and/or
- Cause a hazard or barrier for pedestrians or bicyclists.

These potential impact areas are discussed in this report. In addition, this report includes a program level analysis of the potential impacts to the County's highways themselves based on potential growth due to the plan as well as based on recommended highway plan amendments.

Individual development projects are reviewed in accordance with the County's Traffic Impact Analysis Report Guidelines. However, the Proposed Project is a policy level document that must be evaluated differently than a single development project. This is because it is only possible to make generalized estimates of development activity at this time. The specific location or intensity of development throughout the Project Area is unknown. The Proposed Project guides where growth will occur and to what level, but actual development patterns will likely differ somewhat from the Proposed Project. In addition, the specific timing and other details such as driveway locations, mix of land uses and intensity are not known at this time. Therefore, a different and broader standard for measuring impacts is appropriate for this program level impact analysis.

The County does not specify an acceptable LOS for the purpose of long-range planning. However, in conformance with the Los Angeles County Congestion Management Program (CMP), the maximum acceptable level of service on arterial roads (i.e., major, secondary, and limited secondary highways) is LOS E, except where base year LOS is worse than LOS E. In such cases, the base year LOS is the standard. Thus, for this analysis, LOS E is considered to be the measuring point for significant impacts. Any action that causes an LOS F condition to worsen by 0.02 or greater is considered a significant impact for purposes of this analysis.

2.2 County Highway Plan Network Summary

The Los Angeles County Department of Public Works is generally responsible for the design, construction, operation, maintenance and repair of roads in the Project Area, as well as in a number of jurisdictions that contract with the County of Los Angeles (County) for these services. The primary transportation focus of the County is on the portions of the highway system that fall within the unincorporated areas. Primary responsibility for transportation planning in Los Angeles County is the Los Angeles County Metropolitan Transportation Authority (Metro). As a result, the County is not directly responsible for overall transportation planning or service provision in Los Angeles County. The County's Highway Plan designates the functional classifications of the County's highway system. It incorporates the originally adopted plan plus proposed updates to the Proposed Project. The Highway Plan illustrates existing and proposed locations of major arterial highways throughout Los Angeles County. It is intended to provide a highway system consistent with the distribution of land uses as depicted in the Land Use Element of the Proposed General Plan Update by providing adequate highways to serve future needs.

The Proposed Highway Plan includes the following roadway classifications:

- **Major Highway** – This classification includes urban and rural highways that are of countywide significance and are, or are projected to be, the most highly traveled routes. These roads generally require four or more lanes of moving traffic, channelized medians and, to the extent possible, access control and limits on intersecting streets.

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In urban areas, the typical right-of-way width for these highways is 100 feet. Alternative major highway sections may be established by the County to accommodate features such as raised medians, bicycle facilities, and wider parkways with varying right-of-way widths.

In rural areas, major highways are intended to maintain a rural appearance (without curb, gutter, and/or sidewalk) to reflect the rural character of various communities throughout Los Angeles County. The typical right-of-way width of a rural major highway is 108 feet. Additional right-of-way may be required to accommodate other transportation uses. In addition, beyond the ultimate road right-of-way, there may be a need for additional dedications for trail purposes, to accommodate equestrian and other non-vehicular uses.

- Secondary Highway – This classification includes urban and rural routes that serve or are planned to serve an areawide or countywide function, but are less heavily traveled than major highways. Secondary highways also frequently act as oversized collector roads that feed the countywide system. In this capacity, the routes serve to remove heavy traffic from local streets, especially in residential areas. Access control, especially to residential property and minor streets, is desirable along these roads.

In urban areas, secondary highways generally have four lanes of vehicular traffic on 80 feet of right-of-way. However, configuration and width may vary with traffic demand and existing conditions. In a few cases, routes that carry major highway levels of traffic are classified as secondary highways because it is impractical to widen them to major highway standards. Alternative secondary highway sections may be established by the County to accommodate features such as raised medians, bicycle facilities, and wider parkways with varying right-of-way widths.

In rural areas, certain connector highways to and between rural communities are also classified as secondary highways. These highways are intended to maintain a rural appearance (without curb, gutter, and/or sidewalk) to reflect the rural character of various communities throughout Los Angeles County. The typical right-of-way width of rural secondary highways is 86 feet. Additional right-of-way may be required to accommodate other transportation uses. In addition, beyond the ultimate road right-of-way, there may be a need for additional dedications for trail purposes, to accommodate equestrian and other non-vehicular uses.

- Limited Secondary Highway – This classification includes urban and rural routes that provide access to low-density areas.

In urban areas, limited secondary highways generally feature lower traffic volumes and multimodal transportation facilities. The typical right-of-way width of these highways generally ranges between 64-80 feet. Alternative secondary highway sections may be established by the County to accommodate features such as raised medians, bicycle facilities, and wider parkways with varying right-of-way widths.

In rural areas, limited secondary highways are generally located in rural communities and remote foothill, mountain and canyon areas. These highways are intended to maintain a rural appearance (without curb, gutter, and/or sidewalk) to reflect the rural character of various communities throughout Los Angeles County. The typical right-of-way width of rural limited secondary highways is 64 feet. Additional right-of-way width may be required to accommodate left-turn pockets and passing lanes may be provided when

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required for traffic safety. The right-of-way may be increased for additional improvements where traffic or drainage conditions warrant. In addition, beyond the ultimate road right-of-way, there may be a need for additional dedications for trail purposes, to accommodate equestrian and other non-vehicular uses.

- Parkway – This classification includes urban and rural routes that have park-like features either within or adjacent to the roadway. The right-of-way width required varies as necessary to incorporate these features, typically with a minimum of 80 feet. Roadway improvements vary depending on the composition and volume of traffic carried.
- Expressway – This classification includes urban and rural controlled-access highways connecting communities. Expressways can generally accommodate six to ten traffic lanes and are intended for thru-traffic, featuring full or partial control of access. The right-of-way required varies as necessary to incorporate these features, but is typically 180 feet in width. Roadway improvements vary depending upon the composition and volume of traffic carried.

While the Highway Plan maps display a majority of the arterial highways in Los Angeles County, these designations officially apply only to the Project Area. The contiguous segments of roadways that fall within city areas are governed by the applicable city plans. For example, South Vermont Avenue in the unincorporated portion of the South Bay Planning Area is designated as a Major Highway in the Highway Plan. To the north is the City of Torrance, and to the south is the City of Lomita. Those cities classify Vermont Avenue based on the respective city's functional designation. In many cases, the functional classification types between cities and the Highway Plan match, as do the right-of-way designations. In some cases, however, the Highway Plan designation may differ from the adjacent city designation. In other cases, although the name of the classification may be different, the underlying key features, such as number of lanes and right-of-way width, match. For example, some cities label Secondary Highways as Secondary Arterials, although both classifications operate and function identically to one another. Throughout this document, when references are made to the County Highway Plan, the intent is to refer to the portion of the highway system that is located in the unincorporated areas.

In the northern portion of Los Angeles County, the Highway Plan governs a relatively larger portion of highway mileage than the areas to the south. This is because in the northern portion, particularly the Antelope Valley, a larger proportion of the land area is unincorporated. Also, in these areas, the potential for significant land use change and growth is greater because the highways fall within undeveloped areas. This is especially true in the areas west of I 5 near the City of Santa Clarita, the areas paralleling SR 14 between the City of Santa Clarita and City of Palmdale, and the areas east of the City of Palmdale and the City of Lancaster.

Throughout much of the Project Area south of the City of Santa Clarita, most Major and Secondary Highways are fully built to their ultimate cross sections, and further widening would not be feasible. In some cases, turn lanes (left-and right-turn lanes) can be added at intersections to provide additional capacity, but in most cases the roadways will not be significantly widened. However, in the Santa Clarita Valley and Antelope Valley Planning Areas, there will be opportunity to widen many of the roadways to their designated width to accommodate the planned growth in housing, employment and commercial activities that will occur.

2.3 General Plan Land Use Growth Analysis

The County unincorporated areas will experience some level of change in land use (as reflected in population and employment) over the horizon of the General Plan. There are many unincorporated "pockets" of land throughout the County, especially in the south County area. In those areas, the transportation system is also affected to a large extent by activity in the surrounding incorporated city areas. In the north portion of the County, in the Santa Clarita Valley and the Antelope Valley, there is a much larger proportion of unincorporated land, as opposed to

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areas in the south portion of the County. In those two valley areas, it is expected that the growth and change in the County land uses will have a proportionally larger effect on the transportation system. A separate and more detailed traffic study of the antelope Valley will be produced.

To assess the effects of potential land use changes on the transportation system, the regional travel demand model of the Southern California Association of Governments (SCAG) has been applied. The SCAG model covers the six county areas (Los Angeles plus Orange, Ventura, Riverside, San Bernardino and Imperial counties). Within Los Angeles County, the model includes both incorporated city land area and County unincorporated areas. Thus, the model is the appropriate tool to test changes in County land uses, and to also take into account changes and growth in the surrounding incorporated areas. The SCAG model includes a 2008 base year and a 2035 future horizon year. Both models were used for this analysis. The 2008 model is used for the “Existing plus Project” analysis for purposes of CEQA review, and the future 2035 model was also reviewed to understand future build out land uses at 2035. The following scenarios have been run using the model and the results are presented in this traffic analysis report:

- Existing 2008
- Existing 2008 plus Project (County General Plan buildout)
- 2035 No-project
- 2035 plus project (County General Plan Buildout)

To apply the model, a series of steps were taken to ensure that the County proposed plan was properly reflected in the model input data. Those steps are as follows:

- County staff provided SCAG with updated versions of Proposed Project buildout projections for the unincorporated areas.
- SCAG removed the socioeconomic data in the regional model within the unincorporated areas and replaced it with the County staff buildout estimates for the Proposed Project. This was done on top of the 2008 data for the existing plus project analysis and also on top of the 2035 dataset for the 2035 plus project analysis. It should be noted that the Proposed Project is not expected to be fully built out within SCAG’s 2035 horizon year.
- Thus, the Proposed Project buildout projections were applied to the SCAG regional model zones as appropriate based on County demographic projections to create final 2008 and 2035 datasets.
- The SCAG generated 2035 demographic data assumptions for cities formed the basis for the Existing plus Project as well as 2035 with the Project model runs performed by Iteris for the Community Climate Action Plan as well as the analysis for the rest of the Proposed Project.

The SCAG modeling results were then used to assess the potential project impacts due to the “Existing plus Project” and “2035 with Project” scenarios. Appendix A presents the results of the SCAG regional modeling analysis of Plan growth for Existing Plus Project and Appendix B presents the results of the SCAG regional modeling analysis of Plan growth for 2035 Plus Project. For each County Planning area, the Secondary Highways, Major Highways and Expressways have been reviewed to determine the model volumes under existing conditions, Existing Plus Project, 2035 No Project, and 2035 Plus Project. The Existing plus Project and 2035 Plus Project daily traffic volumes were compared to the County’s designated LOS E capacity for each facility type. If the Existing plus Project or 2035 Plus Project daily volume falls under the County’s designated LOS E capacity, it was determined that there would be no significant impact because this roadway would continue to operate at acceptable conditions. This is true by definition since only roadway links at LOS E capacity or worse are determined to potentially experience a significant impact. For those roadways below the LOS E threshold (i.e., better than LOS E),

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it was determined that the planned roadway capacity is adequate to handle the volumes (under Existing plus Project) within acceptable operating conditions. For segments that are shown to exceed the LOS E designated capacity, the links were further reviewed to determine if the project-related change in volume/capacity ratio is large enough to be considered significant (0.02 or greater change in V/C). Appendices A and B show the number of roadway segments that the model results indicate will both be at LOS F and also will exceed the 0.02 threshold of significant impact.

Appendices A and B displays the detailed information that was used to develop the project impact findings. Appendices A and B includes the following for each segment of highway on the county Plan in each Planning Area;

- highway classification, orientation,
- limits of the segment,
- existing volume (from the model)
- existing plus project volumes (from the model),
- number of lanes,
- designated maximum capacity at level of service E,
- existing volume/capacity ratio,
- existing plus project volume/capacity ratio,
- change in volume/capacity ratio due to the plan and
- whether the change in V/C exceeds the significant impact threshold (where the segment has a volume greater than LOS E capacity AND the change in V/C is 0.02 or greater).

The results of the analysis show that nearly all of the roadway segments in the County's unincorporated areas are not expected to exceed the designated LOS E threshold under the Existing plus Project scenario. Eight segments are projected to be significantly impacted under the existing plus project scenario and 18 segments are projected to be significantly impacted under the 2035 plus project scenario. The segments that are projected to exceed the maximum LOS E threshold and experience a significant change in V/C due to the project are listed below, by Scenario:

Existing Plus Project Impacts

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area) – Exceeds planned by approximately 8,000 vehicles, 0.04 change in V/C (Existing plus Project V/C = 1.16) due to Plan Growth.
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 1,800 daily vehicles, 0.99 change in V/C (Existing plus Project V/C = 1.05) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 6,600 daily vehicles, 0.67 change in V/C (Existing plus Project V/C = 1.12) due to the Plan Growth.
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarita Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 17,000 daily vehicles, 0.60 change in V/C (Existing plus Project V/C = 1.27) due to the Plan Growth.

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- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 16,000 daily vehicles, 0.61 change in V/C (Existing plus Project V/C = 1.36) due to the Plan Growth.
- Hacienda Boulevard SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.23 change in V/C (Existing plus Project V/C = 1.03) due to the Plan Growth.
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 10,000 daily vehicles, 0.02 change in V/C (Existing plus Project V/C = 1.18) due to the Plan Growth.
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 7,000 daily vehicles, 0.03 change in V/C (Existing plus Project V/C = 1.13) due to the Plan Growth.

2035 Plus Project Impacts

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area) – Exceeds planned by approximately 12,000 vehicles, 0.02 change in V/C (2035 plus Project V/C = 1.23) due to Plan Growth.
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 3,000 daily vehicles, 0.78 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 70th Street E to Avenue T8 (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by 140 daily vehicles, 0.29 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 20,000 daily vehicles, 0.31 change in V/C (2035 plus Project V/C = 1.36) due to the Plan Growth.
- Pico Canyon Road from Constitution Drive to The Old Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by 670 daily vehicles, 0.13 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.
- Pico Canyon Road from Stevenson Ranch Parkway to Constitution Drive (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by 670 daily vehicles, 0.13 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 30,000 daily vehicles, 0.23 change in V/C (2035 plus Project V/C = 1.45) due to the Plan Growth.

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- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 35,000 daily vehicles, 0.21 change in V/C (2035 plus Project V/C = 1.80) due to the Plan Growth.
- Hacienda Boulevard from SR-60 Freeway Westbound ramp to SR-60 Freeway Eastbound ramp (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by 800 daily vehicles, 0.06 change in V/C (2035 plus Project V/C = 1.02) due to the Plan Growth.
- Hacienda Boulevard from SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 4,000 daily vehicles, 0.06 change in V/C (2035 plus Project V/C = 1.07) due to the Plan Growth.
- Colima Road from La Mirada Boulevard to Lambert Road (Gateway Cities Planning Area) – Exceeds planned roadway LOS E capacity by 40 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 14,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.26) due to the Plan Growth.
- La Cienega Boulevard from Overhill to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.04) due to the Plan Growth.
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 7,000 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.13) due to the Plan Growth.
- Slauson Avenue from La Cienega Boulevard to Fairfax (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 14,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.26) due to the Plan Growth.
- Slauson Avenue from Fairfax La Brea (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 25,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.46) due to the Plan Growth.
- Rosemead Boulevard from Rush Street to Town Center Drive (West San Gabriel Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.03) due to the Plan Growth.
- Nadeau from Alameda Street to Santa Fe Avenue (Metro Planning Area) – Exceeds planned roadway LOS E capacity by 400 daily vehicles, 0.05 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.

2.4 Proposed Highway Plan Amendments Analysis

The other portion of the transportation and circulation impact analysis covers the proposed Highway Plan amendments that are proposed as part of the General Plan Update. As described, the Los Angeles County Highway Plan designates the functional classifications of the County's highway system. It incorporates the originally adopted Highway Plan, plus all updates to the Highway Plan that have been made by the County over time. The

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Highway Plan illustrates the existing and proposed location of Arterial Highways throughout the County. It is intended to provide a highway system consistent with the distribution of land uses, as depicted in the Land Use Element, by providing adequate highways to serve residential and commercial needs. A summary of each roadway classification is provided in Table 4.

Table 4: Roadway Classifications

Highway Plan Classification	Functional Classification	Definition	Typical ROW Width (Curb-to-Curb)	Design Maximum 2-Way ADT
Major Highway	6 to 8 Lane Roadway	Arterials with at least 6 travel lanes for high mobility, designed with limited vehicular access to driveways and cross streets. The typical road section includes a raised landscaped median with left turn pockets at intersections. Street sections may include striped, on-street bikeways or separated bike paths.	108' - 138' (84' - 118')	54,000 (6L) 72,000 (8L)
Secondary Highway	4 Lane Roadway	Arterials with an ultimate design section of 4 travel lanes, designed for high mobility and with limited vehicular access from driveways and cross streets. The typical road section includes a median with left turn pockets provided at intersections. Secondary highways are designed to service both through traffic, and to collect traffic from collector and local streets.	86' - 92' (58' - 72')	36,000
Limited Secondary Highway	2 to 4 Lane Roadway	Arterials with an ultimate roadway design section of 2 to 4 travel lanes and less restrictive access control. The typical road section does not include a median. These streets are designed to accommodate moderate volumes of traffic and are typically located in remote foothill, mountainous and canyon areas.	64' - 84' (28' - 64')	18,000 (2L) 36,000 (4L)
Parkway	2+ Lane Roadway	Arterials having park-like features either within or adjacent to the roadway. Specific features vary depending on the composition and volume of traffic to be carried.	80' or More (varies)	Varies
Collector Street	2 Lane Roadway	Streets which have an ultimate roadway design section of 2 travel lanes with limited vehicular access to the roadway from driveways and cross streets. The roadway is usually undivided and does not always accommodate left turn pockets at intersections. Collector streets are designed to provide both access and limited mobility, servicing local traffic from residential, commercial, and industrial uses and providing access to the arterial roadway system. Collector streets are not depicted on the adopted Highway Plan.	64' (40')	15,000
Local Street	2 Lane Roadway	Streets which have an ultimate roadway design section of 2 travel lanes designed for full access and limited mobility. Local streets are not included on the adopted Highway Plan.	58' - 60' (34' - 36')	2,500
Expressway	4 to 8 Lane Roadway	Highways which have an ultimate roadway design section of 4 or more lanes that are part of the State Highway system. Expressways have restrictive access control consisting of grade-separated interchanges or at-grade signalized intersections with a minimum spacing of 1 mile.	200' (varies)	44,000 (4L) 88,000 (8L)

In addition to these facility types, there are freeway facilities that pass through many of the County Planning Areas. However, freeways are owned and operated by the State of California (Caltrans) and are thus not under the jurisdiction of the County. All other roadways within County boundaries are controlled, operated and maintained by the County, except for private roads. The County designates all roadways that are not local or collector streets as one of the functional classifications listed above. That County Highway Plan classification designates the type of characteristics the roadway should have, such as designated number of lanes, right-of-way width, curb-to-curb width, as well as designated traffic volume that each roadway should carry. For various reasons, the County occasionally changes the functional classification of a roadway to match proposed plans. This may be via upgrading the classification to a higher classification, or downgrading to lower classification or removing the highway from the plan entirely.

This section discusses the proposed amendments to the County Highway Plan per the Los Angeles County Planning Department. Each recommended Highway Plan amendment recommendation was evaluated for validity and potential significant impacts based on the roadway's planned number of lanes, existing traffic counts (if available), and projected 2035 roadway average daily traffic volume (if available from the model). For areas where no current traffic count data is available, historical, interpolated, or model data was used to estimate traffic volumes. The recommended Highway Plan amendment was then either confirmed based on its size and function, or identified as needing further analysis when additional information relevant to the plan becomes available. The recommended roadway amendments to the County Highway Plan and evaluation results are provided in Table 5.

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Part of this analysis has been to review each proposed change in the County Highway Plan designation to determine if the change could result in any significant impacts to the transportation system. This could occur, for example, if a roadway is downgraded, yet the anticipated volume is higher than the capacity of the roadway classification to which it was downgraded. In such a case, the roadway would not be able to theoretically handle the anticipated volume under acceptable operating conditions. Similarly, by downgrading a roadway classification, there might be potential to divert traffic to other parallel facilities due to the reduction in capacity of the highway in question. However, in some cases, the existing traffic volume is already above the designated daily capacity and it is not feasible to widen the roadway further due to physical or environmental constraints. It is important to note that there are many reasons for recommended highway plan amendments, including but not limited to, the following:

- **Roadway Realignment** – Roadway realignment amendments would occur to conform to geographic features, for continuity with other jurisdictions highway plans, to avoid private property, or for other miscellaneous reasons. This type of change generally does not affect the capacity or functional usage of the highway.
- **Continuity with Adjacent City Plans** – Continuity amendments typically occur if over time it has become known that adjacent planned facilities in neighboring jurisdictions have deviated from the original County Plan, and it is likely that the highway will be developed according to the city General Plan maps. In these cases, it often does not make sense to continue the County’s planned designation as it would result in a roadway with different cross sections and planned function and capacity. For example, if cities on either side of the County island have constructed a roadway to be four lanes, and the County portion is designated (but not yet built to) six lanes, then it may be more logical and desirable to also designate the County portion to four lanes to match the surrounding development patterns. In most cases, the city portion of the highway is longer than the County portion, and thus the city planned designation takes precedence.
- **Downgrade Classification to Local or Collector Street** – Downgrading amendments typically occur if over time it has become clear as the highway system has evolved, that a planned highway will not be built-out, and/or the portion of the highway on the County Plan will be discontinuous and will not act as a “through” facility. Downgrading amendments also occur when a facility will not connect with other Major or Secondary Arterials, and it will act as a local street for residential access, or as a collector street which feeds residential traffic from a local street to a plan highway. These facilities do not appear on the regional travel model due to the fact that they are two lane roads with low volume (less than 15,000 daily trips, or less than 5,000 trips for purely local roads).
- **Santa Clarita Valley Traffic Analysis Model Analysis** – In the Santa Clarita Valley Planning Area, the Santa Clarita Valley Traffic Analysis Model (SCVTAM) was used for prior studies to demonstrate that the new proposed roadway classification would adequately serve expected future traffic volumes. The SCVTAM is much more detailed and focused than the regional model, and thus is the appropriate tool to analyze roadway classifications in the Santa Clarita Valley Planning Area. Thus this document relies on prior analysis conducted in the Valley such as the “One Valley One Vision” Draft Program EIR that was conducted to study growth and development in the Valley.
- **Environmental Sensitivity/Community Character** – For some planned highways that are not yet built, sensitive environmental issues and/or sensitive community character issues make build-out to the current classification infeasible, thus requiring a re-classification to a “lower” class of roadway that is smaller in width with less traffic.

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- Needs Further Evaluation – For some planned highways, the local land use and development plans are still highly variable and thus are not known at this time. For some of these highways, future focused studies are required to demonstrate the need for roadway capacity. At this time, there is an insufficient understanding of future local land use patterns or development plans, thus future modeling and analysis is recommended to determine if the proposed roadway classification is appropriate.

Each designated highway plan amendment has been reviewed to determine the following:

- Future volume – Is the future volume (derived from the SCAG model results) appropriate for the proposed new highway plan classification, based on the Level of Service E designated capacity for that classification?
- Are there other reasons that the re-classification makes sense and will not likely create a significant impact, such as upgrading the proposed roadway classification, thus resulting in more planned capacity?
- Is the plan designation being removed entirely from the plan, thus rendering the facility to be a local or collector roadway? In those cases, the highway would not serve through traffic volumes and traffic demand would by definition be very low.
- Are there overriding considerations, such as sensitive environmental issues or sensitive community character issues that will result in the planned highway being infeasible?

Table 5 provides the data and analysis for each of the planned highway amendments. As shown, of the 107 proposed Los Angeles County Highway Plan amendments, five have been identified as amendments that require further evaluation due to possible significant impacts. A detailed overview of the five amendments is provided below.

- 110th Street West between Johnson Road and Avenue M (Antelope Valley Planning Area, Amendment #44) – Per the Los Angeles County Highway Plan, 110th Street West between Johnson Road and Avenue M will be downgraded from a proposed Major Highway to a local/collector street. This roadway segment is projected to carry approximately 28,900 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by approximately 14,000 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Fullerton Road between La Habra Heights City Line and Harbor Boulevard (East San Gabriel Valley Planning Area, Amendment #59) - Per the Los Angeles County Highway Plan, Fullerton Road between the La Habra Heights City Line and Harbor Boulevard will be downgraded from a proposed Secondary Highway to a local/collector street. This roadway segment is projected to carry between 47,700 and 54,300 daily vehicles by 2035 according to the results of the model. . If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by up to 39,000 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Fullerton Road between Harbor Boulevard and Colima Road (East San Gabriel Valley Planning Area, Amendment #61) - Per the Los Angeles County Highway Plan, Fullerton Road between Harbor Boulevard and Colima Road will be downgraded from an existing and proposed Major

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Highway to a local/collector street. This roadway segment is projected to carry between 34,000 and 40,800 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by up to 25,800 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.

- Whites Canyon Road between Vasquez Canyon Road and Plum Canyon Road (Santa Clarita Valley Planning Area, Amendment #81) - Per the Los Angeles County Highway Plan, Whites Canyon Road between Vasquez Canyon Road and Plum Canyon Road will be downgraded from a proposed Secondary Highway to a local/collector street. This roadway segment is projected to carry approximately 19,700 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by approximately 4,700 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Lincoln Boulevard between Washington Boulevard and the Los Angeles City Line (Westside Planning Area, Amendment #100) - Per the Los Angeles County Highway Plan, Lincoln Boulevard between Washington Boulevard and the Los Angeles City Line will be classified as six-lane Major Highway. This roadway segment is projected to carry between 45,800 and 67,200 daily vehicles by 2035 according to the results of the model. If this segment classified as a six-lane Major Highway, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (54,000 daily vehicles) by up to 13,200 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.

Table 5: Proposed Los Angeles County Highway Plan Amendments Analysis

Number	Planning Area	Roadway	From	To	Action	LA County DPW Daily Traffic Count	2035 Daily Model Volumes		Planned Number of Lanes	Proposed Functional Classification	Proposed Roadway Capacity	Classification Appropriate Based on Proposed Roadway Capacity and Projected Volume		
							Low	High				Yes	No	Discussion
1	Antelope Valley	Bouquet Canyon Rd	Elizabeth Lake Rd	Palmdale City Line	Realign Secondary Hwy	2,600	11,990	N/A	2	Secondary Highway	36,000	X		Realignment Only
2	Antelope Valley	City Ranch Rd	20th St W	Palmdale City Line	Add Secondary Hwy	N/A	N/A	N/A	2	Secondary Highway	36,000	X		(1)
3	Antelope Valley	Avenue N-8	45th St W	30th St W	Delete Major Hwy	N/A	2,460	2,530	2	Local / Collector	15,000	X		(1)
4	Antelope Valley	40th St W	Avenue N	Avenue N-8	Delete Major Hwy	340	890	N/A	2	Local / Collector	15,000	X		(3)
5	Antelope Valley	35th St W	Avenue N	Avenue N-8	Delete Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
6	Antelope Valley	Avenue O-8	30th St W	20th St W	Add Secondary Hwy	N/A	N/A	N/A	N/A	Secondary Highway	36,000	X		(1) (2)
7	Antelope Valley	25th St W	Avenue O	Palmdale City Line	Add Secondary Hwy	N/A	N/A	N/A	N/A	Secondary Highway	36,000	X		(1) (2)
8	Antelope Valley	Avenue N-8	20th St W	Palmdale City Line	Delete Secondary Hwy	N/A	1,530	2,029	2	Local / Collector	15,000	X		(3)
9	Antelope Valley	Avenue Q	60th St E	75th St E	Add Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)
10	Antelope Valley	Avenue Q	80th St E	90th St E	Add Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1)
11	Antelope Valley	Avenue Q	90th St E	120th St E	Add Secondary Hwy	50	3,500	6,590	2	Secondary Highway	36,000	X		(1)
12	Antelope Valley	120th St E	Avenue L	Avenue Q	Add Expressway	N/A	N/A	N/A	N/A	Expressway	44,000	X		(1) (2)
13	Antelope Valley	Avenue L	40th St E	45th St E	Reclassify from Secondary Hwy to Expressway	20,240	18,380	N/A	2	Expressway	44,000	X		(1)
14	Antelope Valley	Avenue L	50th St E	80th St E	Reclassify from Secondary Hwy to Expressway	12,330	14,630	22,360	2	Expressway	44,000	X		(1)
15	Antelope Valley	Avenue L	90th St E	102nd St E	Add Expressway	N/A	6,170	14,640	2	Expressway	44,000	X		(1)
16	Antelope Valley	Avenue L	107th St E	120th St E	Add Expressway	N/A	N/A	N/A	N/A	Expressway	44,000	X		(1) (2)
17	Antelope Valley	10th St W	Palmdale City Line	Avenue O	Reclassify from Major to Secondary Hwy	N/A	12,880	18,400	4	Secondary Highway	36,000	X		(1)
18	Antelope Valley	10th St W	Auto Center Dr	Elizabeth Lake Rd	Reclassify from Major to Secondary Hwy	N/A	18,430	18,430	2	Secondary Highway	36,000	X		(1)
19	Antelope Valley	High Desert Corridor	SR 138	Lancaster City Line	Show as Expressway	N/A	30,070	41,950	8	Expressway	88,000	X		High Desert Corridor, Regionally Significant Route
20	Antelope Valley	Avenue H	110th St W	105th St W	Add Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)
21	Antelope Valley	Avenue H	97th St W	92nd St W	Add Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)
22	Antelope Valley	Avenue H	80th St W	70th St W	Add Major Hwy	780	3,880	N/A	2	Major Highway	54,000	X		(1) (2)
23	Antelope Valley	Avenue F	110th St W	Lancaster City Line	Add Major Hwy	N/A	6,150	N/A	2	Major Highway	54,000	X		(1)
24	Antelope Valley	Avenue F	Lancaster City Line	95th St W	Add Major Hwy	N/A	6,150	N/A	2	Major Highway	54,000	X		(1)
25	Antelope Valley	Avenue F	95th St W	70th St W	Add Limited Secondary Hwy	N/A	6,080	N/A	2	Limited Secondary Highway	18,000	X		(1)
26	Antelope Valley	Avenue E	110th St W	Lancaster City Line	Add Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)
27	Antelope Valley	Avenue E	100th St W	70th St W	Add Limited Secondary Hwy	N/A	N/A	N/A	N/A	Limited Secondary Highway	18,000	X		(1) (2)
28	Antelope Valley	100th St W	Lancaster Blvd	Avenue J	Add Major Hwy	N/A	N/A	N/A	NA	Major Highway	54,000	X		(1) (2)
29	Antelope Valley	100th St W	Avenue D	Avenue D-8	Add Limited Secondary Hwy	N/A	N/A	N/A	NA	Limited Secondary Highway	18,000	X		(1) (2)
30	Antelope Valley	100th St W	Avenue E	Avenue F	Add Limited Secondary Hwy	N/A	N/A	N/A	NA	Limited Secondary Highway	18,000	X		(1) (2)
31	Antelope Valley	80th St W	Lancaster City Line	Lancaster City Line	Reclassify from Secondary to Major Hwy	N/A	3,400	9,100	2	Major Highway	54,000	X		(1)
32	Antelope Valley	Avenue K-8	52nd St W	50th St W	Add Secondary Hwy	N/A	N/A	N/A	NA	Secondary Highway	18,000	X		(1) (2)

Table 5: Proposed Los Angeles County Highway Plan Amendments

Number	Planning Area	Roadway	From	To	Action	LA County DPW Daily Traffic Count	2035 Daily Model Volumes		Planned Number of Lanes	Proposed Functional Classification	Proposed Roadway Capacity	Classification Appropriate Based on Proposed Roadway Capacity and Projected Volume		
							Low	High				Yes	No	Discussion
33	Antelope Valley	70th St E	Lancaster City Line	Avenue K-8	Reclassify from Secondary to Major Hwy	610	6,210	N/A	2	Major Highway	54,000	X		(1)
34	Antelope Valley	70st St E	Avenue K-12	Avenue L	Reclassify from Secondary to Major Hwy	980	6,210	N/A	2	Major Highway	54,000	X		(1)
35	Antelope Valley	100th St E	Avenue J	Avenue J-8	Add Limited Secondary Hwy	N/A	3,130	N/A	NA	Limited Secondary Highway	18,000	X		(1)
36	Antelope Valley	100th St E	Lancaster City Line	Avenue L	Add Limited Secondary Hwy	N/A	8,720	N/A	2	Limited Secondary Highway	18,000	X		(1)
37	Antelope Valley	Avenue L	55th St W	40th St W	Reclassify from Major Hwy to Expressway	N/A	17,660	22,140	6	Expressway	66,000	X		(1)
38	Antelope Valley	Avenue G	25th St W	Division St	Reclassify from Major Hwy to Expressway	N/A	7,580	11,920	2	Expressway	44,000	X		(1)
39	Antelope Valley	Avenue H	Division St	40th St E	Reclassify from Major Hwy to Expressway	1,300	3,140	6,690	2	Expressway	44,000	X		(1)
40	Antelope Valley	50th St E	Avenue K-4	Avenue L	Reclassify from Major Hwy to Expressway	3,140	4,940	N/A	2	Expressway	44,000	X		(1)
41	Antelope Valley	Elizabeth Lake Rd	Johnson Rd	Portal Pass Rd	Re-align to existing Elizabeth Lake Rd, Reclassify to Major Hwy	4,060	26,910	27,800	2	Major Highway	54,000	X		Realignment Only
42	Antelope Valley	Amargosa Creek Rd	Portal Pass Rd	Johnson Rd	Delete Proposed Secondary Hwy	NA	N/A	N/A	2	Local / Collector	15,000	X		(3)
43	Antelope Valley	Avenue M	Elizabeth Lake Rd	80th St W	Delete Proposed Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
44	Antelope Valley	110th St W	Johnson Rd	Avenue M	Delete Proposed Major Hwy	N/A	28,900	N/A	2	Local / Collector	15,000		X	(3)
45	Antelope Valley	Johnson Rd	Elizabeth Lake Rd	110th St W	Add as a Major Hwy	3,060	28,704	N/A	2	Major Highway	54,000	X		(1)
46	Antelope Valley	San Fransisquito Canyon Rd	Angeles National Forest Boundary	Elizabeth Lake Rd	Add as a Secondary Hwy	2,800	20,660	22,400	2	Secondary Highway	36,000	X		Realignment Issue
47	Antelope Valley	Portal Pass Rd	Elizabeth Lake Rd	Ritter Ranch Rd	Delete Proposed Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		Portion of Roadway Private (3)
48	Antelope Valley	Ritter Ranch Rd	Portal Pass Rd	Bouquet Canyon Rd	Delete Proposed Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
49	Antelope Valley	87th St W	Ritter Ranch Rd	Elizabeth Lake Rd	Delete Proposed Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
50	Antelope Valley	High Desert Corridor Proposed State Route	SR 138	Lancaster City Line	Show as Expressway	N/A	N/A	N/A	NA	Expressway	44,000	X		(1) (2)
51	Antelope Valley	Avenue L-8	10th St W	SR 14	Show as Secondary Hwy	N/A	N/A	N/A	4	Secondary Highway	36,000	X		(1) (2)
52	Antelope Valley	Avenue L-8	SR 14	30th St W	Show as Secondary Hwy	N/A	170	830	4	Secondary Highway	36,000	X		(1)
53	Antelope Valley	Avenue L-8	60th St W	80th St W	Show as Secondary Hwy	N/A	N/A	N/A	2	Secondary Highway	36,000	X		(1) (2)
54	Antelope Valley	Davenport Road	Sierra Highway	Agua Dulce Canyon Road	Reclassify from Secondary to Limited Secondary Hwy	1,900	4,724	N/A	2	Limited Secondary Highway	18,000	X		(1)
55	Antelope Valley	Agua Dulce Canyon Road	Soledad Canyon Road	Sierra Highway	Reclassify from Secondary to Limited Secondary Hwy	160	78	5,590	2	Limited Secondary Highway	18,000	X		(1)
56	Antelope Valley	Escondido Canyon Road	Agua Dulce Canyon Road	SCV Planning Boundary	Reclassify from Secondary to Limited Secondary Hwy	2,500	6,109	7,036	2	Limited Secondary Highway	18,000	X		(1)
57	East San Gabriel Valley	7th Ave	Los Robles Ave	Turnbull Canyon Rd / Vallecito Dr	Delete Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(1)
58	East San Gabriel Valley	7th Ave / Turnbull Canyon Rd	Vallecito Dr	Whittier City Line	Reclassify from Major to Secondary Hwy	2,280	3,740	4,520	2	Secondary Highway	36,000	X		(1)
59	East San Gabriel Valley	Fullerton Rd	Harbor Blvd	La Habra Heights City Line	Delete Secondary Hwy	35,030	47,660	54,320	4	Local / Collector	15,000		X	(1)

Table 5: Proposed Los Angeles County Highway Plan Amendments

Number	Planning Area	Roadway	From	To	Action	LA County DPW Daily Traffic Count	2035 Daily Model Volumes		Planned Number of Lanes	Proposed Functional Classification	Proposed Roadway Capacity	Classification Appropriate Based on Proposed Roadway Capacity and Projected Volume		
							Low	High				Yes	No	Discussion
60	East San Gabriel Valley	Fullerton Rd	Azusa Ave	La Habra Heights City Line	Remove Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(1) (2)
61	East San Gabriel Valley	Fullerton Rd	Colima Rd	Harbor Blvd	Delete Existing and Proposed Major Hwy	35,000	34,000	40,780	4	Local / Collector	15,000		X	(1)
62	East San Gabriel Valley	Hacienda Blvd	La Habra Heights City Line	County Line	Reclassify from Existing Major to Limited Secondary Hwy	N/A	29,220	N/A	4	Limited Secondary Highway	36,000	X		(1)
63	East San Gabriel Valley	Mountaineer Rd	Grand Ave	Via Verde	Delete Proposed Major and Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
64	East San Gabriel Valley	Bonita Ave	Temple Ave	terminus	Delete Proposed Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
65	Gateway	Alameda St	Compton City Line	Santa Fe Ave	Reclassify from Secondary to Major Hwy	20,670	8,070	N/A	6	Major Highway	54,000	X		Reclassify to reflect Alameda Corridor Project
66	Gateway	Alameda St	Artesia Blvd	Compton City Line	Show Major Hwy	N/A	6,804	N/A	4	Major Highway	54,000	X		Reclassify to reflect Alameda Corridor Project
67	Gateway	Alameda St	Del Amo Blvd	Dominguez St	Remove Secondary Hwy	20,280	10,450	N/A	6	Local / Collector	15,000	X		Reclassify to reflect Alameda Corridor Project
68	Gateway	Alameda St	Santa Fe Ave	3-way intersection w/both direction Alameda	Delete Existing Major Hwy	9,790	10,200	N/A	6	Local / Collector	15,000	X		Reclassify to reflect Alameda Corridor Project
69	Gateway	Hadley St	Painter Ave	Colima Rd	Delete Existing Secondary Hwy	N/A	6,350	N/A	2	Local / Collector	15,000	X		(3)
70	Metro	Griffith Park Blvd	Lankershim Blvd / Cahuenga Blvd	Los Angeles City Line	Delete Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
71	San Fernando Valley	San Fernando Rd	Burbank Rd	Magnolia Blvd	Remove Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
72	San Fernando Valley	Oxnard St	Louise Ave	San Diego Fwy (approx CL)	Delete Proposed Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
73	San Fernando Valley / Metro	Forman Ave	Los Angeles City Line	Griffith Park Blvd	Delete Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
74	Santa Clarita Valley	Cruzen Mesa Rd	Whites Canyon Rd	Sierra Hwy	Delete Limited Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
75	Santa Clarita Valley	Vasquez Canyon Rd	Bouquet Canyon Rd	Sierra Hwy	Reclassify from Major to Secondary Hwy	7,160	7,710	N/A	2	Secondary Highway	36,000	X		(1) (4)
76	Santa Clarita Valley	Lost Canyon Rd	Jakes Way	Santa Clarity City Line	Reclassify from Major to Secondary Hwy	N/A	N/A	N/A	4	Secondary Highway	36,000	X		(1) (4)
77	Santa Clarita Valley	Castaic Rd	Ridge Route Rd	City of Santa Clarita Boundary	Delete Proposed Secondary Hwy	N/A	N/A	N/A	4	Local / Collector	15,000	X		(1) (3)
78	Santa Clarita Valley	Hasley Canyon Rd	Castaic Rd (Proposed)	Northbound ramps of I-5	Delete Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
79	Santa Clarita Valley	Unnamed Proposed Secondary Hwy	State Route 126	Long Canyon Rd	Delete Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
80	Santa Clarita Valley	San Fransisquito Canyon Rd	Copper Hill Dr	Angeles Forest Boundary	Reclassify from Secondary to Limited Secondary Hwy	N/A	N/A	N/A	4	Limited Secondary Highway	36,000	X		(1) (4) (5)
81	Santa Clarita Valley	Whites Canyon Rd	Vasquez Canyon Rd	Plum Canyon Rd	Delete Secondary Hwy	19,110	19,720	N/A	6	Local / Collector	15,000		X	(1) (6)

Table 5: Proposed Los Angeles County Highway Plan Amendments

Number	Planning Area	Roadway	From	To	Action	LA County DPW Daily Traffic Count	2035 Daily Model Volumes		Planned Number of Lanes	Proposed Functional Classification	Proposed Roadway Capacity	Classification Appropriate Based on Proposed Roadway Capacity and Projected Volume		
							Low	High				Yes	No	Discussion
82	Santa Clarita Valley	The Old Rd	Hasley Canyon Rd	Middleton Rd	Reclassify from Major to Secondary Hwy	11,740	10,580	N/A	2	Secondary Highway	36,000	X		(1)
83	Santa Monica Mountains	Drive Ave	Agoura Hills City Line	Las Virgenes Rd	Delete Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(1) (5)
84	Santa Monica Mountains	Chesebro Rd	Agoura Hills City Line	Agoura Hills City Line	Delete Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(1) (5)
85	Santa Monica Mountains	Parkway Calabasas	Las Virgenes Rd	Park Granada	Remove Parkway	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
86	Santa Monica Mountains	Chesebro Rd	Thousand Oaks Rd	Agoura Rd / US 101	Remove Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
87	Santa Monica Mountains	Drive Ave	Calabasas City Line	Calabasas City Line	Remove Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
88	Santa Monica Mountains	Drive Ave	Agoura Hills City Line	Agoura Hills City Line	Remove Secondary Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
89	Santa Monica Mountains	Thousand Oaks Blvd	Kanan Rd	Chesebro Rd	Delete Major Hwy	N/A	5,370	N/A	4	Local / Collector	15,000	X		(3)
90	Santa Monica Mountains	Liberty Canyon Rd	Driver Ave	Canwood / US 101 on-ramp	Delete Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
91	Santa Monica Mountains	Lost Hills Rd	US-101 on-ramp	Terminus	Delete Major and Secondary Hwy	N/A	N/A	13,190	4	Local / Collector	15,000	X		(3)
92	Santa Monica Mountains	Parkway Calabasas	Park Granada	Calabasas Rd	Reclassify from Existing Parkway to Major Hwy	N/A	300	N/A	4	Major Highway	54,000	X		(1)
93	Santa Monica Mountains	Thousand Oaks Blvd	Calabasas City Line	County Line	Delete Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
94	South Bay	Del Amo Blvd	Maple St	Crenshaw Blvd	Show Proposed Major Highway	N/A	9,600	N/A	4	Major Highway	54,000	X		(1)
95	South Bay	Del Amo Blvd	Denker Ave	Vermont Ave	Show Proposed Major Highway	N/A	11,130	12,570	4	Major Highway	54,000	X		(1)
96	South Bay / Gateway	Del Amo Blvd	SR 405	Avalon Blvd	Show Existing Secondary Hwy	N/A	23,200	N/A	4	Secondary Highway	36,000	X		(1)
97	Westside	Via Marina	Washington Blvd	Old Harbor Ln	Reclassify from Secondary Hwy to Parkway	11,150	1,050	13,170	2	Parkway	Varies	X		(1)
98	Westside	Via Marina	Washington Blvd	Old Harbor Ln	Realign Via Marina/Admiralty Way intersection	11,150	1,050	13,170	2	N/A - Realign Intersection	N/A	X		Realignment Only
99	Westside	Admiralty Way	Via Marina	Fiji Way	Reclassify from Secondary to Major Hwy	16,650	12,900	18,700	5	Major Highway	54,000	X		(1)
100	Westside	Lincoln Blvd	Washington Blvd	Los Angeles City Line	Show Major Hwy	N/A	45,800	67,180	6	Major Highway	54,000		X	(1)
101	Westside	SR-90	terminus	Admiralty Way	Extend Expressway	N/A	27,420	N/A	2	Expressway	44,000	X		(1)
102	Westside	Culver Blvd	Lincoln Blvd	Admiralty Way	Realign Culver Blvd / Lincoln Blvd Intersection	N/A	19,520	N/A	4	N/A - Realign Intersection	N/A	X		Realignment Only
103	Westside	Temescal Canyon Rd	Mulholland Dr	Sunset Blvd	Delete Proposed Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
104	Westside	Sullivan Canyon Rd	Mulholland Dr	Sunset Blvd	Delete Proposed Major Hwy	N/A	N/A	N/A	2	Local / Collector	15,000	X		(3)
105	Westside	Admiralty Way	Culver Blvd	Jefferson Rd	Extend as Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)

Table 5: Proposed Los Angeles County Highway Plan Amendments

Number	Planning Area	Roadway	From	To	Action	LA County DPW Daily Traffic Count	2035 Daily Model Volumes		Planned Number of Lanes	Proposed Functional Classification	Proposed Roadway Capacity	Classification Appropriate Based on Proposed Roadway Capacity and Projected Volume		
							Low	High				Yes	No	Discussion
106	Westside	Admiralty Way	Fiji Way	Culver Blvd	Extend as Proposed Major Hwy	N/A	N/A	N/A	N/A	Major Highway	54,000	X		(1) (2)
107	Westside	Fiji Way	Lincoln Blvd	South terminus	Add as Parkway	18,540	160	18,700	2	Parkway	Varies	X		(1)
<div>Notes:</div> <div>"N/A" (2035 Daily Model) - Roadway segment not in model, therefore no 2035 ADT volume available.</div> <div>"N/A" (LA County DWP Daily Traffic Count) - Daily traffic count data was not available for the roadway segment.</div> <div>(1) County is re-designating a portion of this roadway to maintain consistency with adjacent jurisdiction classifications and/or to reflect the actual expected usage and level of travel expected on this facility. Consistency issues are usually a result of an adjacent city General Plan that has re-designated a roadway on one side or both sides of the county land area, thus creating a segment that does not fit within the overall plan for the roadway.</div> <div>(2) Some planned highways are not included in the SCAG Regional Travel Model that was used for the General Plan Update analysis. In those cases, no future 2035 traffic forecasts are available to use to determine whether the future planned capacity is adequate. Generally, only the most important roadways that are known to carry current or future traffic are included in the regional model. By virtue of the roadway being excluded from the model, it is assumed that the traffic volume will not likely exceed the planned roadway capacity of a highway. In some cases, future more detailed modeling analysis may be warranted once local development patterns are more specifically identified.</div> <div>(3) Roadway is reclassified because it is either not a "through" route for traffic, or it will not only provide local access and its main function will be to serve adjacent residential properties. In these cases, a highway designation is not longer warranted and the roadway will be a local road or collector road and will carry not more than 15,000 daily trips.</div> <div>(4) The Santa Clarita Valley Traffic Analysis Model indicated the new proposed roadway classification would adequately serve expected future traffic volumes.</div> <div>(5) Sensitive environmental issues and/or sensitive community character issues make build-out to the current classification infeasible, thus requiring a re-classification to a "lower" class of roadway that is smaller in width and carries less traffic.</div> <div>(6) Future focused studies are required to demonstrate the need for roadway capacity in this location. At this time, there is insufficient understanding of future local land use patterns or development plans, thus future modeling and analysis is recommended to determine if the proposed roadway classification is appropriate.</div>														

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2.5 Intersection Impact Analysis

As noted, 15 Congestion Management Plan (CMP) intersections that are located within the County of Los Angeles unincorporated area boundaries have been assessed for 2035 with and without project conditions. Existing conditions for the same 15 locations are also presented in this report, taken directly from the CMP report. For the 2035 scenarios, SCAG model growth data was used to determine future 2035 with and without project conditions. The existing CMP traffic counts were used and then adjusting using a model “post processor” and the B-turns method of adjustment and post processing. This methodology basically takes existing counts and adds model projected growth to the counts, thus the future turning movements pivot off of and build upon the existing counts, with the addition of model growth. Tables 6 and 7 show the future 2035 without project and 2035 with project forecasts for the 15 CMP intersections, based upon the assumed growth from the SCAG model.

Table 6 shows the results of the 2035 level of service analysis without project and Table 7 shows the results of the LOS analysis with project as well as the finding of significant impacts based on County of Los Angeles criteria. As shown, six locations are projected to experience a significant impact due to Plan growth during the AM peak hour and nine locations are projected to experience a significant impact during the PM peak hour.

Table 6
LA County General Plan Update - 2035 Without Project Intersection Capacity Utilization & Levels of Service

ID	Intersection	AM Peak Hour		AM Peak Hour	
		ICU	LOS	ICU	LOS
1a	Ave D WB Ramps & 60th St West	0.26	A	0.71	C
1b	Ave D EB Ramps & 60th St West	0.75	C	0.81	D
2	Azusa Ave & Colima Rd	0.63	B	0.84	D
3	Colima Rd & Hacienda Blvd	0.83	D	1.04	F
4	Henry Mayo Dr & Chiquito Cyn Rd	0.75	C	1.00	F
5	Imperial Hwy & Carmenita Rd	0.70	B	0.85	D
6	La Cienega Blvd & Stocker St	1.31	F	1.16	F
7	Lancaster Rd & 300th St West	0.26	A	0.57	A
8	Pacific Coast Hwy & Topanga Cyn Blvd	1.02	F	1.10	F
9	Pearblossom Hwy & 82nd St East	0.85	D	0.94	E
10	Pearblossom Hwy & Antelope Hwy	1.20	F	1.04	F
11	Rosemead Blvd & Huntington Dr	0.81	D	1.07	F
12	Rosemead Blvd & San Gabriel Blvd	0.74	C	1.10	F
13	Sierra Hwy & Rte 14 (Red Rover Rd)	0.52	A	0.50	A
14	Sierra Hwy & Sand Canyon Rd	0.89	D	1.31	F
15	Whittier Blvd & Atlantic Ave	0.68	B	0.84	D

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Table 7
LA County General Plan Update - 2035 With Project Intersection Capacity Utilization & Levels of Service

ID	Intersection	AM Peak Hour		Significant Impact	AM Peak Hour		Significant Impact
		ICU	LOS		ICU	LOS	
1a	Ave D WB Ramps & 60th St West	0.23	A		0.83	D	
1b	Ave D EB Ramps & 60th St West	0.71	C		0.95	E	Yes
2	Azusa Ave & Colima Rd	0.68	B		0.88	D	
3	Colima Rd & Hacienda Blvd	0.84	D		1.09	F	Yes
4	Henry Mayo Dr & Chiquito Cyn Rd	0.95	E	Yes	1.05	F	Yes
5	Imperial Hwy & Carmenita Rd	0.71	C		0.88	D	
6	La Cienega Blvd & Stocker St	1.31	F	Yes	1.20	F	Yes
7	Lancaster Rd & 300th St West	0.50	A		0.86	D	
8	Pacific Coast Hwy & Topanga Cyn Blvd	1.10	F	Yes	1.13	F	Yes
9	Pearblossom Hwy & 82nd St East	1.15	F	Yes	1.19	F	Yes
10	Pearblossom Hwy & Antelope Hwy	1.39	F	Yes	1.37	F	Yes
11	Rosemead Blvd & Huntington Dr	0.85	D		1.10	F	Yes
12	Rosemead Blvd & San Gabriel Blvd	0.74	C		1.12	F	Yes
13	Sierra Hwy & Rte 14 (Red Rover Rd)	0.73	C		0.86	D	
14	Sierra Hwy & Sand Canyon Rd	1.63	F	Yes	2.08	F	Yes
15	Whittier Blvd & Atlantic Ave	0.72	C		0.84	D	

The significant impacts locations are as follows:

- Colima Road/Hacienda Boulevard – PM Peak
- Henry Mayo Drive/Chiquito Canyon Road – AM and PM peak
- La Cienega Boulevard/Stocker Street – AM and PM peaks
- Pacific Coast Highway/Topanga Canyon Boulevard – AM and PM peaks
- Pearblossom Highway/82nd Street East – AM and PM peaks
- Pearblossom Highway/Antelope Highway – AM and PM peaks
- Rosemead Boulevard/Huntington Drive – PM peak
- Rosemead Boulevard/San Gabriel boulevard – PM peak
- Sierra Highway/Sand Canyon Road – AM and PM peaks

2.5 Impact Analysis Summary

In order to assist in determining whether the project will have a significant effect on the environment, the State CEQA Guidelines, Appendix G identify criteria for conditions that may be deemed to constitute as substantial or potentially substantial adverse change in physical conditions. A discussion of each issue area and whether potentially significant impacts on transportation and circulation would occur is provided in this section.

Implementation of the proposed Plan would exceed, either individually or cumulative, a level of service standard established by the County congestion management agency for designed roads or highways.

Implementation of the Plan is expected to result in exceeding the County congestion management agency standard level of service (LOS E), which is level of service F, along with a significant increase in V/C due to the project, at the following locations:

Existing Plus Project

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area)
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area)
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area)
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarity Valley Planning Area)
- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area)
- Hacienda Boulevard SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area)
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area)
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area)

2035 Plus Project

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area)
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area)
- Pearblossom Highway (SR-138) from 70th Street E to Avenue T8 (Antelope Valley Planning Area)
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area)
- Pico Canyon Road from Constitution Drive to The Old Road (Santa Clarity Valley Planning Area)
- Pico Canyon Road from Stevenson Ranch Parkway to Constitution Drive (Santa Clarity Valley Planning Area)
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarity Valley Planning Area)
- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area)
- Hacienda Boulevard from SR-60 Freeway Westbound ramp to SR-60 Freeway Eastbound ramp (East San Gabriel Valley Planning Area)
- Hacienda Boulevard from SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area)
- Colima Road from La Mirada Boulevard to Lambert Road (Gateway Cities Planning Area)
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area)
- La Cienega Boulevard from Overhill to Slauson Avenue (Westside Planning Area)
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area)
- Slauson Avenue from La Cienega Boulevard to Fairfax (Westside Planning Area)

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- Slauson Avenue from Fairfax La Brea (Westside Planning Area)
- Rosemead Boulevard from Rush Street to Town Center Drive (West San Gabriel Planning Area)
- Nadeau from Alameda Street to Santa Fe Avenue (Metro Planning Area)

Implementation of the proposed Plan would not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks.

The proposed Plan would result in a significant impact to air traffic patterns if it would cause an increase in air traffic levels or introduce incompatible land uses. The proposed Plan would not result in the development of a new airport within the County nor would it introduce new land uses that could prevent safety hazards to air traffic. The Plan has policies aimed at improving the compatibility between aviation facilities and their surroundings, encouraging greater multi-modal access to airports and encouraging the development of a decentralized system of major airports.

Implementation of the proposed Plan would not substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).

The proposed Plan promotes highways to be built to specific standards that have been set by the County. These include increasing the number of lanes on major highways and other improvements under the proposed Highway Plan. Hazards due to roadway design features would be evaluated on a project-by-project basis as buildout of the proposed Plan occurs. All new highways and upgrades would be planned, designed and built to County standards. The County periodically monitors levels of service, traffic accident patterns, and physical conditions of the existing street system, and upgrade roadways as needed through the Capital Improvement Program. Additionally, the County applies consistent standards throughout the highway plan for street design to promote travel safety. It would accomplish this by designating roadways based on their functional classification, adopting consistent standard street cross sections, coordinating circulation plans of new development project with each other, and adopting common standards for pavement width. Within residential neighborhoods, “healthy streets” would be promoted through traffic-calming devices, shorter block length, and other considerations. Where possible local street patterns would be designed to create logical and understandable travel paths for users and discourage cut-through traffic.

Implementation of the proposed Plan would not result in inadequate emergency access.

Emergency access would be evaluated on a project-by-project basis as buildout of the proposed Plan occurs. Buildout of the plan will enhance the capacity of the roadway system by upgrading roadways and intersections when necessary, ensure that the future dedication and acquisitions of roadways are based on projected demand, and implement the construction of paved crossover points through medians for emergency vehicles. Additionally, the proposed Plan would facilitate consideration of the needs for emergency access in transportation planning. The County would maintain a current evacuation plan, ensure that new development is provided with adequate emergency and/or secondary access, including two points of ingress and egress for most subdivisions, require visible street name signage, and provide directional signage to freeways at key intersections to assist in emergency evacuation operations.

Implementation of the proposed Plan would not generate a parking demand that exceeds municipal code–required parking capacity.

Parking demand and capacity would be evaluated on a project-by-project basis as buildout of the proposed Plan occurs. Implementation of the Plan itself would not generate parking demand that exceeds code-required parking capacity because each development must provide code parking or otherwise provide for a variance against parking ordinances.

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Implementation of the proposed Plan would not conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks).

The County of Los Angeles 2012 Bicycle Master Plan was adopted by the Board of Supervisors on March 13, 2012. The 2012 Bicycle Master Plan, which replaces the 1975 Plan of Bikeways, is a sub-element of the Transportation Element of the County's General Plan. The 2012 Bicycle Master Plan proposes approximately 831 miles of new bikeways throughout the County. Along with the proposed bikeways, the Plan recommends various bicycle-friendly policies and programs to promote bicycle ridership amongst users of all ages and skill sets within the County. A Final Program Environmental Impact Report (State Clearinghouse No.2011041004) for the bicycle master plan was completed. The Plan also contains elements that support alternative transportation programs including increased ridership on public transit, developing mass transit as an alternative to automobile travel, supports the development of rail transit or exclusive bus lanes in high demand corridors as well as support research for and development of new transportation technologies.

Implementation of the proposed Plan would not cause a hazard or barrier for pedestrians or bicyclists.

The proposed Plan supports alternative modes of transportation, including walking and bicycling, to reduce total VMT. Additionally, the proposed Plan establishes several policies to ensure the safety and mobility of pedestrians and bicyclists. The County would provide safe and convenient access to safe transit, bikeways, and walkways, consider the safety and convenience of pedestrians and cyclists in the design and development of transportation systems, provide safe pedestrian connections across barriers such as major traffic corridors, drainage and flood control facilities, and grade separations, adopt consistent standards for implementation of Americans with Disabilities Act requirements and in the development review process prioritize direct pedestrian access between building entrances, sidewalks and transit stops. The Bicycle Master Plan adopted in March 2012 also contains many programs and policies that would mitigate potential hazards or barriers for bicyclists.

Implementation of the proposed Plan could result in exceeding a level of service threshold and result in a potentially significant increase in traffic

Based on the established significant impact criteria, the Plan will have a significant impact if it causes a roadway segment at LOS E or F to experience a change in V/C of 0.02 or greater. Based on the results of the modeling and impact analysis, the following locations are forecast to be significantly impacted:

Roadway Segment Impacts due to Planned Growth – Existing Plus Project

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area) – Exceeds planned by approximately 8,000 vehicles, 0.04 change in V/C (Existing plus Project V/C = 1.16) due to Plan Growth.
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 1,800 daily vehicles, 0.99 change in V/C (Existing plus Project V/C = 1.05) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 6,600 daily vehicles, 0.67 change in V/C (Existing plus Project V/C = 1.12) due to the Plan Growth.
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarita Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 17,000 daily vehicles, 0.60 change in V/C (Existing plus Project V/C = 1.27) due to the Plan Growth.

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- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 16,000 daily vehicles, 0.61 change in V/C (Existing plus Project V/C = 1.36) due to the Plan Growth.
- Hacienda Boulevard SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.23 change in V/C (Existing plus Project V/C = 1.03) due to the Plan Growth.
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 10,000 daily vehicles, 0.02 change in V/C (Existing plus Project V/C = 1.18) due to the Plan Growth.
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 7,000 daily vehicles, 0.03 change in V/C (Existing plus Project V/C = 1.13) due to the Plan Growth.

2035 Plus Project Impacts

- Sepulveda Boulevard from Vermont Avenue to I-110 South off ramp (South Bay Planning Area) – Exceeds planned by approximately 12,000 vehicles, 0.02 change in V/C (2035 plus Project V/C = 1.23) due to Plan Growth.
- 200th Street East from Avenue G to Avenue J (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 3,000 daily vehicles, 0.78 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 70th Street E to Avenue T8 (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by 140 daily vehicles, 0.29 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- Pearblossom Highway (SR-138) from 131st Street E to 170th Street E (Antelope Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 20,000 daily vehicles, 0.31 change in V/C (2035 plus Project V/C = 1.36) due to the Plan Growth.
- Pico Canyon Road from Constitution Drive to The Old Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by 670 daily vehicles, 0.13 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.
- Pico Canyon Road from Stevenson Ranch Parkway to Constitution Drive (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by 670 daily vehicles, 0.13 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.
- Henry Mayo Drive (SR-126) from Commerce Center Drive to I-5 South off ramps (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 30,000 daily vehicles, 0.23 change in V/C (2035 plus Project V/C = 1.45) due to the Plan Growth.

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- Henry Mayo Drive (SR-126) from San Martinez Grande Canyon to Del Valle Road (Santa Clarity Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 35,000 daily vehicles, 0.21 change in V/C (2035 plus Project V/C = 1.80) due to the Plan Growth.
- Hacienda Boulevard from SR-60 Freeway Westbound ramp to SR-60 Freeway Eastbound ramp (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by 800 daily vehicles, 0.06 change in V/C (2035 plus Project V/C = 1.02) due to the Plan Growth.
- Hacienda Boulevard from SR-60 Freeway Eastbound ramp to Halliburton Road (East San Gabriel Valley Planning Area) – Exceeds planned roadway LOS E capacity by approximately 4,000 daily vehicles, 0.06 change in V/C (2035 plus Project V/C = 1.07) due to the Plan Growth.
- Colima Road from La Mirada Boulevard to Lambert Road (Gateway Cities Planning Area) – Exceeds planned roadway LOS E capacity by 40 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.00) due to the Plan Growth.
- La Cienega Boulevard from Stocker Street to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 14,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.26) due to the Plan Growth.
- La Cienega Boulevard from Overhill to Slauson Avenue (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.04) due to the Plan Growth.
- Slauson Avenue from Corning Avenue to La Cienega Boulevard (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 7,000 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.13) due to the Plan Growth.
- Slauson Avenue from La Cienega Boulevard to Fairfax (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 14,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.26) due to the Plan Growth.
- Slauson Avenue from Fairfax La Brea (Westside Planning Area) – Exceeds planned roadway LOS E capacity by approximately 25,000 daily vehicles, 0.01 change in V/C (2035 plus Project V/C = 1.46) due to the Plan Growth.
- Rosemead Boulevard from Rush Street to Town Center Drive (West San Gabriel Planning Area) – Exceeds planned roadway LOS E capacity by approximately 2,000 daily vehicles, 0.03 change in V/C (2035 plus Project V/C = 1.03) due to the Plan Growth.
- Nadeau from Alameda Street to Santa Fe Avenue (Metro Planning Area) – Exceeds planned roadway LOS E capacity by 400 daily vehicles, 0.05 change in V/C (2035 plus Project V/C = 1.01) due to the Plan Growth.

Roadway Segment Impacts Due to Proposed Highway Plan Amendments

- 110th Street West between Johnson Road and Avenue M (Antelope Valley Planning Area, Amendment #44) – Per the Los Angeles County Highway Plan, 110th Street West between Johnson Road and Avenue M will be downgraded from a proposed Major Highway to a local/collector street. This roadway segment is projected to carry approximately 28,900 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a

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local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by approximately 14,000 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.

- Fullerton Road between La Habra Heights City Line and Harbor Boulevard (East San Gabriel Valley Planning Area, Amendment #59) - Per the Los Angeles County Highway Plan, Fullerton Road between the La Habra Heights City Line and Harbor Boulevard will be downgraded from a proposed Secondary Highway to a local/collector street. This roadway segment is projected to carry between 47,700 and 54,300 daily vehicles by 2035 according to the results of the model. . If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by up to 39,000 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Fullerton Road between Harbor Boulevard and Colima Road (East San Gabriel Valley Planning Area, Amendment #61) - Per the Los Angeles County Highway Plan, Fullerton Road between Harbor Boulevard and Colima Road will be downgraded from an existing and proposed Major Highway to a local/collector street. This roadway segment is projected to carry between 34,000 and 40,800 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by up to 25,800 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Whites Canyon Road between Vasquez Canyon Road and Plum Canyon Road (Santa Clarita Valley Planning Area, Amendment #81) - Per the Los Angeles County Highway Plan, Whites Canyon Road between Vasquez Canyon Road and Plum Canyon Road will be downgraded from a proposed Secondary Highway to a local/collector street. This roadway segment is projected to carry approximately 19,700 daily vehicles by 2035 according to the results of the model. If this segment is downgraded to a local/collector street, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (15,000 daily vehicles) by approximately 4,700 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.
- Lincoln Boulevard between Washington Boulevard and the Los Angeles City Line (Westside Planning Area, Amendment #100) - Per the Los Angeles County Highway Plan, Lincoln Boulevard between Washington Boulevard and the Los Angeles City Line will be classified as six-lane Major Highway. This roadway segment is projected to carry between 45,800 and 67,200 daily vehicles by 2035 according to the results of the model. If this segment classified as a six-lane Major Highway, the projected 2035 daily volume could exceed the roadway's LOS E operating capacity (54,000 daily vehicles) by up to 13,200 daily vehicles. Further analysis may support the classification as the model network detail in this area may be insufficient to properly assess this segment.

Intersection Impacts Summary

Six intersection locations are projected to experience a significant impact due to Plan growth during the AM peak hour and nine intersection locations are projected to experience a significant impact during the PM peak hour. The significant impacts locations are as follows:

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- Colima Road/Hacienda Boulevard – PM Peak
- Henry Mayo Drive/Chiquito Canyon Road – AM and PM peak
- La Cienega Boulevard/Stocker Street – AM and PM peaks
- Pacific Coast Highway/Topanga Canyon Boulevard – AM and PM peaks
- Pearblossom Highway/82nd Street East – AM and PM peaks
- Pearblossom Highway/Antelope Highway – AM and PM peaks
- Rosemead Boulevard/Huntington Drive – PM peak
- Rosemead Boulevard/San Gabriel boulevard – PM peak
- Sierra Highway/Sand Canyon Road – AM and PM peaks

MITIGATION FRAMEWORK

The following mitigation measures shall be implemented for activities that would occur under the proposed plan.

- 1) The County shall continue to monitor potential impacts on roadway segments and intersections on a project-by-project basis as buildout occurs by requiring traffic studies for all projects that could significantly impact traffic and circulation patterns.
- 2) The County shall implement over time objectives and policies contained within the General Plan Transportation Element. Implementation of those policies will help mitigate any potential impacts of Plan growth and/or highway amendments on the transportation system.
- 3) The County shall participate with Metro, the Congestion Management Program (CMP) Agency in Los Angeles County, on a potential Congestion Mitigation Fee program that would replace the current CMP Debit/Credit approach. Under a county-wide fee program, each jurisdiction, including the County of Los Angeles, would select and build capital transportation projects, adopt a fee ordinance, collect fees and control revenues. A fee program will require a nexus analysis, would apply only to net new construction on commercial and industrial space and additional residential units and it would need to be approved by Metro and the local jurisdictions. A county-wide fee, if adopted, would allow the County to mitigate impacts of development via the payment of the transportation impact fee in lieu of asking each development project for individual mitigation measures, or asking for fair share payments of mitigation. The fee program would itself constitute a “fair-share” program that would apply to all development (of a certain size) within the County land areas.
- 4) The County of Los Angeles shall work with Caltrans as they prepare plans to add additional lanes or complete other improvements to various freeways within and adjacent County parcels of land. This includes adding or extending mixed flow general purpose lanes, adding or extending existing HOV lanes, adding Express Lanes (high occupancy toll lanes), incorporating truck climbing lanes, improving interchanges and other freeway related improvements.
- 5) The County shall require all development projects of sufficient size to comply with all traffic study requirements of Caltrans as well as adjacent jurisdictions that may be affected by the projects. This will include but not necessarily be limited to coordination with Caltrans “Early Consultation” process and with cities on the geographic extent of the development traffic study during the scoping process, incorporation of Caltrans or city jurisdiction traffic study guidelines into the analysis, reporting significant impacts in other jurisdictions and on Caltrans facilities and recommending appropriate mitigating measures or fair share contributions to mitigation in other jurisdictions or on Caltrans facilities.

Caltrans consultation process is as follows:

Caltrans requests that a lead agency direct traffic engineering firms retained to prepare traffic impact studies to consult with Caltrans, when a development proposal meets the requirements of Statewide, regional, or area wide significance per CEQA Guidelines §15206 (b). Proposed developments meeting the criteria of Statewide, regional or area wide include:

- a) Proposed residential developments of more than 500 dwelling units
- b) Proposed shopping centers or business establishments employing more than 1000 persons or encompassing more than 500,000 square feet of floor space.

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- c) Proposed commercial office buildings employing more than 1000 persons or encompassing more than 250,000 square feet of floor space
- d) Proposed hotel/motel developments of more than 500 rooms

When the CEQA criteria of regional significance is not met, Caltrans recommends transportation engineers and/or city representatives consult Caltrans when a proposed development includes the following characteristics:

- All proposed developments that have the potential to cause a significant impact to state facilities (right-of-way, intersections, interchanges, etc.) and when required mitigation improvements are proposed in the initial study. Mitigation concurrence should be obtained from Caltrans as early as possible.
- Any development which assigns 50 or more trips during peak hours to a state highway (freeways).
- Any development located adjacent to or within 100 feet of a State highway facility and may require a Caltrans Encroachment Permit. (Exceptions: additions to single family homes or 10 residential units or less).
- When it cannot be determined whether or not Caltrans will expect a traffic impact analysis pursuant to CEQA.

Significance of Impact with Mitigation Framework

The impacted locations would still be considered to be significantly impacted with mitigation. Because this is a program level analysis, additional case by case mitigation analysis of impacts and mitigation will occur at the project level to determine more specific physical, program and policy level mitigation measures to reduce the level of impact below a significant level.

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Appendices

Existing vs. Existing Plus Project

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth									
South Bay	Crenshaw Boulevard	Major Highway	N/S	Palos Verdes Lane	Silver Spur Road	14,949	8,900	9,040	140	2%	15,163	9,080	9,190	110	1%	30,112	30,362	4	6-8	54,000	0.56	0.56	0.00	No
South Bay	Vermont Street	Major Highway	N/S	Lomita Boulevard	Sepulveda Boulevard	14,219	11,850	11,680	-170	-1%	12,269	12,510	11,530	-980	-8%	26,488	25,338	4	6-8	54,000	0.49	0.47	-0.02	No
South Bay	Vermont Street	Major Highway	N/S	Sepulveda Boulevard	W 228th Street	8,854	2,920	3,980	1,060	36%	8,370	6,210	6,580	370	6%	17,224	18,654	4	6-8	54,000	0.32	0.35	0.03	No
South Bay	Vermont Street	Major Highway	N/S	W 228th Street	W 223rd Street	8,799	7,980	9,570	1,590	20%	9,619	11,610	12,400	790	7%	18,418	20,798	4	6-8	54,000	0.34	0.39	0.04	No
South Bay	Vermont Street*	Major Highway	N/S	W 223rd Street	W 220th Street		4,210	6,310	2,100	50%		6,090	7,440	1,350	22%	10,300	13,750	4	6-8	54,000	0.19	0.25	0.06	No
South Bay	Vermont Street*	Major Highway	N/S	W 220th Street	Carson Street		2,250	1,650	-600	-27%		3,910	3,080	-830	-21%	6,160	4,730	4	6-8	54,000	0.11	0.09	-0.03	No
South Bay	Vermont Street	Major Highway	N/S	Carson Street	Torrance Boulevard	7,484	3,660	6,500	2,840	78%	7,947	4,120	6,200	2,080	50%	15,431	20,351	4	6-8	54,000	0.29	0.38	0.09	No
South Bay	Vermont Street	Major Highway	N/S	Torrance Boulevard	Del Amo Boulevard	8,331	5,550	7,030	1,480	27%	9,623	5,450	6,430	980	18%	17,954	20,414	4	6-8	54,000	0.33	0.38	0.05	No
South Bay	Manhattan Beach Blvd	Major Highway	E/W	Prairie Avenue	Crenshaw Boulevard	6,691	5,000	5,140	140	3%	7,123	4,360	4,290	-70	-2%	13,814	13,884	4	6-8	54,000	0.26	0.26	0.00	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	La Cienega Boulevard	Inglewood Avenue	3,160	4,600	4,950	350	8%	3,803	4,140	4,630	490	12%	6,963	7,803	2	4	36,000	0.19	0.22	0.02	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	Inglewood Avenue	Hawthorne Boulevard	4,651	2,470	2,650	180	7%	5,440	1,820	2,420	600	33%	10,091	10,871	2	4	36,000	0.28	0.30	0.02	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	Hawthorne Boulevard	Freeman Avenue	3,527	1,120	1,080	-40	-4%	4,305	1,450	1,770	320	22%	7,832	8,112	4	4	36,000	0.22	0.23	0.01	No
South Bay	W 220th Street*	Secondary Highway	E/W	Normandie Avenue	Meyler Street		2,080	4,590	2,510	121%		2,160	4,870	2,710	125%	4,240	9,460	4	4	36,000	0.12	0.26	0.15	No
South Bay	W 220th Street*	Secondary Highway	E/W	Meyler Street	Vermont Avenue		1,960	4,660	2,700	138%		2,180	4,370	2,190	100%	4,140	9,030	4	4	36,000	0.12	0.25	0.14	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	Sepulveda Boulevard	Lomita Boulevard		4,440	5,110	670	15%		4,280	4,390	110	3%	8,720	9,500	4	4	36,000	0.24	0.26	0.02	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	W 228th Street	Sepulveda Boulevard		4,690	5,780	1,090	23%		5,270	5,840	570	11%	9,960	11,620	4	4	36,000	0.28	0.32	0.05	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	W 223rd Street	W 228th Street		3,580	4,520	940	26%		4,310	4,900	590	14%	7,890	9,420	4	4	36,000	0.22	0.26	0.04	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	W 220th Street	W 223rd Street		5,440	7,330	1,890	35%		5,980	7,710	1,730	29%	11,420	15,040	4	4	36,000	0.32	0.42	0.10	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	Carson Street	W 220th Street		2,110	1,510	-600	-28%		2,750	2,090	-660	-24%	4,860	3,600	4	4	36,000	0.14	0.10	-0.04	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	Torrance Boulevard	Carson Street		3,400	4,350	950	28%		4,280	5,550	1,270	30%	7,680	9,900	4	4	36,000	0.21	0.28	0.06	No
South Bay	Normandie Avenue*	Secondary Highway	N/S	Del Amo Boulevard	Torrance Boulevard		7,100	8,200	1,100	15%		8,340	9,220	880	11%	15,440	17,420	4	4	36,000	0.43	0.48	0.06	No
South Bay	Sepulveda Boulevard *	Major Highway	E/W	Normandie Avenue	Vermont Avenue		18,630	18,940	310	2%		20,720	21,670	950	5%	39,350	40,610	6	6-8	54,000	0.73	0.75	0.02	No
South Bay	Sepulveda Boulevard *	Major Highway	E/W	Vermont Avenue	I-110 South Off-ramp		27,630	28,360	730	3%		32,670	34,050	1,380	4%	60,300	62,410	6	6-8	54,000	1.12	1.16	0.04	Yes
South Bay	Sepulveda Boulevard *	Major Highway	E/W	I-110 South Off-ramp	Figueroa St		19,730	19,730	0	0%		16,860	16,180	-680	-4%	36,590	35,910	6	6-8	54,000	0.68	0.67	-0.01	No
Antelope Valley	W Avenue J	Major Highway	E/W	90th Street E	100th Street E	1,051	1,660	5,230	3,570	215%	1,129	1,590	5,380	3,790	238%	2,180	9,540	2	6-8	54,000	0.04	0.18	0.14	No
Antelope Valley	W Avenue J *	Major Highway	E/W	100th Street E	110th Street E		2,050	8,040	5,990	292%		1,990	8,280	6,290	316%	4,040	16,320	2	6-8	54,000	0.07	0.30	0.23	No
Antelope Valley	W Avenue J *	Major Highway	E/W	110th Street E	140th Street E		1,800	8,970	7,170	398%		1,760	9,650	7,890	448%	3,560	18,620	2	6-8	54,000	0.07	0.34	0.28	No
Antelope Valley	W Avenue J *	Major Highway	E/W	140th Street E	150th Street E		2,500	8,820	6,320	253%		2,300	9,030	6,730	293%	4,800	17,850	2	6-8	54,000	0.09	0.33	0.24	No
Antelope Valley	W Avenue J *	Major Highway	E/W	150th Street E	170th Street E		2,630	9,390	6,760	257%		2,310	9,210	6,900	299%	4,940	18,600	2	6-8	54,000	0.09	0.34	0.25	No
Antelope Valley	W Avenue J *	Major Highway	E/W	170th Street E	200th Street E		2,650	9,580	6,930	262%		2,320	9,300	6,980	301%	4,970	18,880	2	6-8	54,000	0.09	0.35	0.26	No
Antelope Valley	Lancaster Road*	Expressway	E/W	Pine Canyon Road	W Avenue I		0	0	0	N/A		0	0	0	N/A	0	0	6	4-8	66,000	0.00	0.00	0.00	No
Antelope Valley	Lancaster Road*	Expressway	E/W	W Avenue I	190th Street W		0	1,530	1,530	N/A		0	1,710	1,710	N/A	0	3,240	6	4-8	66,000	0.00	0.05	0.05	No
Antelope Valley	Lancaster Road*	Expressway	E/W	190th Street W	170th Street W		0	30	30	N/A		0	30	30	N/A	0	60	6	4-8	66,000	0.00	0.00	0.00	No
Antelope Valley	Lancaster Road*	Expressway	E/W	170th Street W	110th Street W		600	11,430	10,830	1805%		590	11,220	10,630	1802%	1,190	22,650	6	4-8	66,000	0.02	0.34	0.33	No
Antelope Valley	Lancaster Road*	Expressway	E/W	110th Street W	90th Street W		340	6,060	5,720	1682%		330	6,210	5,880	1782%	670	12,270	6	4-8	66,000	0.01	0.19	0.18	No
Antelope Valley	Lancaster Road*	Expressway	E/W	90th Street W	70th Street W		1,610	5,580	3,970	247%		1,450	5,710	4,260	294%	3,060	11,290	6	4-8	66,000	0.05	0.17	0.	

Existing vs. Existing Plus Project

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)	
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth										
Santa Clarita Valley	Bouquet Canyon Road*	Major Highway	N/S	Vasquez Canyon Road	Shadow Valley Lane			3,030	7,400	4,370	144%		3,270	7,050	3,780	116%	6,300	14,450	2	6-8	54,000	0.12	0.27	0.15	No
Santa Clarita Valley	Bouquet Canyon Road*	Major Highway	N/S	Texas Canyon Road	Vasquez Canyon Road			2,800	9,890	7,090	253%		2,810	9,040	6,230	222%	5,610	18,930	2	6-8	54,000	0.10	0.35	0.25	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Sand Canyon Road	Ryan Lane	3,576	3,980	13,480	9,500	239%	4,379	3,390	12,390	9,000	265%	7,955	26,455	4	6-8	54,000	0.15	0.49	0.34	No	
Santa Clarita Valley	Sierra Highway*	Major Highway	N/S	Vasquez Canyon Road	Sand Canyon Road			2,940	14,940	12,000	408%		2,750	13,420	10,670	388%	5,690	28,360	4	6-8	54,000	0.11	0.53	0.42	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Davenport Road	Vasquez Canyon Road	4,267	1,370	7,880	6,510	475%	3,867	1,210	6,200	4,990	412%	8,134	19,634	4	6-8	54,000	0.15	0.36	0.21	No	
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Agua Dulce Canyon Road	Davenport Road	2,835	850	4,770	3,920	461%	2,624	730	3,830	3,100	425%	5,459	12,479	2	6-8	54,000	0.10	0.23	0.13	No	
Santa Clarita Valley	Vasquez Canyon Road*	Major Highway	E/W	Bouquet Canyon Road	Sierra Highway		1,080	5,830	4,750	440%		890	5,540	4,650	522%	1,970	11,370	2	6-8	54,000	0.04	0.21	0.17	No	
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	Via Joyce Drive	Santa Catarina Road	8,863	6,320	9,190	2,870	45%	8,935	6,020	8,920	2,900	48%	17,798	23,568	6	6-8	54,000	0.33	0.44	0.11	No	
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	Santa Catarina Road	La Madrid Drive	8,247	6,500	10,010	3,510	54%	8,232	6,160	10,300	4,140	67%	16,479	24,129	6	6-8	54,000	0.31	0.45	0.14	No	
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	La Madrid Drive	Farrell Road	7,391	7,100	10,580	3,480	49%	7,282	6,670	10,710	4,040	61%	14,673	22,193	6	6-8	54,000	0.27	0.41	0.14	No	
Santa Clarita Valley	Plum Canyon Road*	Major Highway	E/W	Farrell Road	Ashboro Road		6,100	7,870	1,770	29%		5,660	7,930	2,270	40%	11,760	15,800	6	6-8	54,000	0.22	0.29	0.07	No	
Santa Clarita Valley	Commerce Center Drive*	Major Highway	N/S	The Old Road	Hasley Canyon Road		12,600	23,460	10,860	86%		13,160	21,130	7,970	61%	25,760	44,590	4	6-8	54,000	0.48	0.83	0.35	No	
Santa Clarita Valley	Commerce Center Drive*	Major Highway	N/S	Hasley Canyon Road	Live Oak Road		2,730	8,310	5,580	204%		3,100	8,500	5,400	174%	5,830	16,810	4	6-8	54,000	0.11	0.31	0.20	No	
Santa Clarita Valley	Commerce Center Drive*	Major Highway	N/S	Live Oak Road	Henry Mayo Drive		3,580	12,600	9,020	252%		3,140	13,090	9,950	317%	6,720	25,690	4	6-8	54,000	0.12	0.48	0.35	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Camino Del Sur	Hacienda Boulevard		23,590	25,660	2,070	9%		23,130	25,070	1,940	8%	46,720	50,730	6	6-8	54,000	0.87	0.94	0.07	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Hacienda Boulevard	Stimson Avenue		14,080	13,190	-890	-6%		16,130	14,540	-1,590	-10%	30,210	27,730	6	6-8	54,000	0.56	0.51	-0.05	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Stimson Avenue	Halliburton Road		16,550	16,260	-290	-2%		18,860	17,630	-1,230	-7%	35,410	33,890	6	6-8	54,000	0.66	0.63	-0.03	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Halliburton Road	Azusa Avenue		17,580	17,300	-280	-2%		20,430	19,410	-1,020	-5%	38,010	36,710	6	6-8	54,000	0.70	0.68	-0.02	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Azusa Avenue	Albatross Road		18,360	20,460	2,100	11%		18,520	18,640	120	1%	36,880	39,100	6	6-8	54,000	0.68	0.72	0.04	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Albatross Road	Stoner Creek Road		8,210	8,940	730	9%		8,510	8,460	-50	-1%	16,720	17,400	6	6-8	54,000	0.31	0.32	0.01	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Stoner Creek Road	Larkvane Road		14,670	15,150	480	3%		14,790	16,010	1,220	8%	29,460	31,160	6	6-8	54,000	0.55	0.58	0.03	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	S Larkvane Road	Fullerton Road		14,670	15,150	480	3%		14,790	16,010	1,220	8%	29,460	31,160	6	6-8	54,000	0.55	0.58	0.03	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Fullerton Road	Batson Avenue		15,360	22,210	6,850	45%		14,820	19,400	4,580	31%	30,180	41,610	6	6-8	54,000	0.56	0.77	0.21	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Batson Avenue	Nogales Street		8,940	11,280	2,340	26%		9,530	10,470	940	10%	18,470	21,750	6	6-8	54,000	0.34	0.40	0.06	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Nogales Street	Otterbein Avenue		11,700	12,280	580	5%		10,190	11,110	920	9%	21,890	23,390	6	6-8	54,000	0.41	0.43	0.03	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Otterbein Avenue	Fairway Drive		8,180	8,400	220	3%		6,480	7,020	540	8%	14,660	15,420	6	6-8	54,000	0.27	0.29	0.01	No	
East San Gabriel Valley	Colima Road*	Major Highway	E/W	Fairway Drive	Lake Canyon Drive		4,010	5,340	1,330	33%		3,510	3,580	70	2%	7,520	8,920								

Existing vs. Existing Plus Project

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)	
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth										
Gateway	Imperial Highway*	Major Highway	E/W	Carmenita Road	Shopping Center Driveway			15,730	12,610	-3,120	-20%		16,190	12,720	-3,470	-21%	31,920	25,330	4	6-8	54,000	0.59	0.47	-0.12	No
Gateway	Imperial Highway	Major Highway	E/W	Shopping Center Driveway	Meyer Road	14,563	13,360	10,330	-3,030	-23%	14,176	14,170	10,620	-3,550	-25%	28,739	22,159	4	6-8	54,000	0.53	0.41	-0.12	No	
Gateway	Imperial Highway*	Major Highway	E/W	Meyer Road	Valley View Avenue			16,770	14,170	-2,600	-16%		18,590	14,880	-3,710	-20%	35,360	29,050	4	6-8	54,000	0.65	0.54	-0.12	No
Gateway	Imperial Highway	Major Highway	E/W	Valley View Avenue	Biola Avenue	13,522	16,110	12,260	-3,850	-24%	13,143	16,490	12,620	-3,870	-23%	26,665	18,945	4	6-8	54,000	0.49	0.35	-0.14	No	
Gateway	Imperial Highway*	Major Highway	E/W	Biola Avenue	Telegraph Road			17,370	13,770	-3,600	-21%		18,310	14,250	-4,060	-22%	35,680	28,020	4	6-8	54,000	0.66	0.52	-0.14	No
Westside	La Cienega Boulevard*	Major Highway	N/S	Stocker Street	Slauson Avenue			31,300	32,180	880	3%		31,180	31,490	310	1%	62,480	63,670	6	6-8	54,000	1.16	1.18	0.02	Yes
Westside	La Cienega Boulevard*	Major Highway	N/S	Rodeo Place	Stocker Street			25,150	24,610	-540	-2%		24,780	23,890	-890	-4%	49,930	48,500	6	6-8	54,000	0.92	0.90	-0.03	No
Westside	La Brea Avenue*	Major Highway	N/S	Veronica Street	Overhill Drive			24,880	24,940	60	0%		24,340	23,340	-1,000	-4%	49,220	48,280	6	6-8	54,000	0.91	0.89	-0.02	No
Westside	La Brea Avenue*	Major Highway	N/S	Overhill Drive	Slauson Avenue			28,290	27,510	-780	-3%		27,440	25,210	-2,230	-8%	55,730	52,720	4	6-8	54,000	1.03	0.98	-0.06	No
Westside	La Brea Avenue	Major Highway	N/S	Slauson Avenue	Centinela Avenue	14,452	13,610	13,500	-110	-1%	13,463	14,030	15,220	1,190	8%	27,915	28,995	4	6-8	54,000	0.52	0.54	0.02	No	
Westside	Slauson Avenue*	Major Highway	E/W	Corning Avenue	La Cienega Boulevard			31,490	32,370	880	3%		28,030	28,580	550	2%	59,520	60,950	6	6-8	54,000	1.10	1.13	0.03	Yes
Westside	Slauson Avenue	Major Highway	E/W	La Cienega Boulevard	Fairfax Boulevard	17,281	31,400	30,570	-830	-3%	19,952	33,490	33,170	-320	-1%	37,233	36,083	6	6-8	54,000	0.69	0.67	-0.02	No	
Westside	Slauson Avenue*	Major Highway	E/W	Fairfax Boulevard	La Brea Avenue			38,910	36,230	-2,680	-7%		37,400	37,830	430	1%	76,310	74,060	6	6-8	54,000	1.41	1.37	-0.04	No
Westside	Slauson Avenue*	Major Highway	E/W	La Brea Avenue	Overhill Drive			21,890	22,310	420	2%		19,340	19,720	380	2%	41,230	42,030	6	6-8	54,000	0.76	0.78	0.01	No
Westside	Stocker Street	Major Highway	E/W	La Cienega Boulevard	Fairfax Boulevard	12,234	12,500	14,760	2,260	18%	15,400	12,160	14,540	2,380	20%	27,634	32,274	4	6-8	54,000	0.51	0.60	0.09	No	
Westside	Stocker Street*	Major Highway	E/W	Fairfax Boulevard	Overhill Drive/La Brea Avenue			11,070	13,520	2,450	22%		10,840	13,290	2,450	23%	21,910	26,810	4	6-8	54,000	0.41	0.50	0.09	No
San Fernando Valley	Foothill Boulevard*	Major Highway	E/W	Pennsylvania Avenue	La Crescenta Avenue			8,290	9,290	1,000	12%		7,120	7,770	650	9%	15,410	17,060	4	6-8	54,000	0.29	0.32	0.03	No
San Fernando Valley	Foothill Boulevard*	Major Highway	E/W	La Crescenta Avenue	Rosemont Avenue			2,290	3,280	990	43%		1,970	2,360	390	20%	4,260	5,640	4	6-8	54,000	0.08	0.10	0.03	No
San Fernando Valley	Foothill Boulevard*	Major Highway	E/W	Rosemont Avenue	Briggs Avenue			8,940	12,300	3,360	38%		9,110	10,930	1,820	20%	18,050	23,230	4	6-8	54,000	0.33	0.43	0.10	No
San Fernando Valley	Rosemont Avenue*	Secondary Highway	N/S	Rockdell Street	Orange Avenue			4,140	6,300	2,160	52%		4,190	6,160	1,970	47%	8,330	12,460	2	4	36,000	0.23	0.35	0.11	No
San Fernando Valley	Rosemont Avenue	Secondary Highway	N/S	Orange Avenue	Foothill Boulevard	2,565	3,890	5,740	1,850	48%	2,784	3,760	5,350	1,590	42%	5,349	8,789	2	4	36,000	0.15	0.24	0.10	No	
San Fernando Valley	Rosemont Avenue*	Secondary Highway	N/S	Foothill Boulevard	Foothill Freeway			450	1,860	1,410	313%		410	2,080	1,670	407%	860	3,940	4	4	36,000	0.02	0.11	0.09	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)*	Major Highway	N/S	Colorado Boulevard	Del Mar Boulevard			18,230	19,660	1,430	8%		18,610	19,280	670	4%	36,840	38,940	4	6-8	54,000	0.68	0.72	0.04	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)*	Major Highway	N/S	Del Mar Boulevard	San Pasqual Street			17,950	16,850	-1,100	-6%		18,750	16,770	-1,980	-11%	36,700	33,620	4	6-8	54,000	0.68	0.62	-0.06	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)*	Major Highway	N/S	San Pasqual Street	California Boulevard			18,030	19,120	1,090	6%		18,920	19,340	420	2%	36,950	38,460	4	6-8	54,000	0.68	0.71	0.03	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)*	Major Highway	N/S	E California Boulevard	Huntington Drive			17,090	20,460	3,370	20%		16,630	18,860	2,230	13%	33,720	39,320	4	6-8	54,000	0.62	0.73	0.10	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)*	Major Highway	N/S	Huntington Drive	Huntington Drive			13,400	15,390	1,990	15%		16,640	18,2											

Existing vs. Existing Plus Project

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth									
Metro	Vermont Avenue*	Major Highway	N/S	Manchester Avenue	90th Street		13,690	14,260	570	4%		13,510	13,550	40	0%	27,200	27,810	6	6-8	54,000	0.50	0.52	0.01	No
Metro	Vermont Avenue*	Major Highway	N/S	90th Street	92nd Street		10,740	11,160	420	4%		10,580	10,500	-80	-1%	21,320	21,660	6	6-8	54,000	0.39	0.40	0.01	No
Metro	Vermont Avenue*	Major Highway	N/S	92nd Street	Colden Avenue		12,630	12,880	250	2%		12,670	12,700	30	0%	25,300	25,580	6	6-8	54,000	0.47	0.47	0.01	No
Metro	Vermont Avenue*	Major Highway	N/S	Colden Avenue	Century Boulevard		11,480	11,220	-260	-2%		11,140	11,120	-20	0%	22,620	22,340	6	6-8	54,000	0.42	0.41	-0.01	No
Metro	Vermont Avenue*	Major Highway	N/S	Century Boulevard	108th Street		14,300	13,370	-930	-7%		12,880	13,290	410	3%	27,180	26,660	6	6-8	54,000	0.50	0.49	-0.01	No
Metro	Vermont Avenue	Major Highway	N/S	108th Street	111th Street	15,995	13,440	12,040	-1,400	-10%	13,950	12,040	11,910	-130	-1%	29,945	28,415	6	6-8	54,000	0.55	0.53	-0.03	No
Metro	Vermont Avenue*	Major Highway	N/S	111th Street	Imperial Highway		13,200	11,770	-1,430	-11%		11,590	11,790	200	2%	24,790	23,560	6	6-8	54,000	0.46	0.44	-0.02	No
Metro	Vermont Avenue*	Major Highway	N/S	Imperial Highway	120th Street		15,890	14,870	-1,020	-6%		16,850	17,780	930	6%	32,740	32,650	6	6-8	54,000	0.61	0.60	0.00	No
Metro	Vermont Avenue*	Major Highway	N/S	120th Street	El Segundo Boulevard		16,390	14,080	-2,310	-14%		16,420	15,420	-1,000	-6%	32,810	29,500	6	6-8	54,000	0.61	0.55	-0.06	No
Metro	Broadway*	Major Highway	N/S	120th Street	124th Street		4,860	5,380	520	11%		4,840	4,880	40	1%	9,700	10,260	4	6-8	54,000	0.18	0.19	0.01	No
Metro	Broadway	Major Highway	N/S	124th Street	El Segundo Boulevard	6,105	4,860	5,370	510	10%	3,370	4,840	4,870	30	1%	9,475	10,015	4	6-8	54,000	0.18	0.19	0.01	No
Metro	Broadway	Major Highway	N/S	El Segundo Boulevard	135th Street	4,318	3,450	3,690	240	7%	3,967	3,020	2,930	-90	-3%	8,285	8,435	4	6-8	54,000	0.15	0.16	0.00	No
Metro	Broadway	Major Highway	N/S	135th Street	Rosecrans Avenue	4,503	2,680	2,750	70	3%	4,909	2,980	2,690	-290	-10%	9,412	9,192	4	6-8	54,000	0.17	0.17	0.00	No
Metro	Broadway	Major Highway	N/S	Rosecrans Avenue	Compton Boulevard	3,732	4,130	2,750	-1,380	-33%	4,255	4,540	2,400	-2,140	-47%	7,987	4,467	4	6-8	54,000	0.15	0.08	-0.07	No
Metro	Broadway*	Major Highway	N/S	Compton Boulevard	Redondo Beach Boulevard		3,960	4,320	360	9%		4,300	4,020	-280	-7%	8,260	8,340	4	6-8	54,000	0.15	0.15	0.00	No
Metro	Broadway	Major Highway	N/S	Redondo Beach Boulevard	Alondra Boulevard	3,003	2,950	2,890	-60	-2%	7,059	3,280	2,990	-290	-9%	10,062	9,712	4	6-8	54,000	0.19	0.18	-0.01	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Figueroa Street	Broadway		11,120	12,650	1,530	14%		9,560	11,260	1,700	18%	20,680	23,910	6	6-8	54,000	0.38	0.44	0.06	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Broadway	Main Street		11,010	12,080	1,070	10%		9,860	10,950	1,090	11%	20,870	23,030	6	6-8	54,000	0.39	0.43	0.04	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Main Street	San Pedro Street		9,810	10,890	1,080	11%		9,200	10,130	930	10%	19,010	21,020	6	6-8	54,000	0.35	0.39	0.04	No
Metro	El Segundo Boulevard*	Major Highway	E/W	San Pedro Street	Avalon Boulevard		10,770	12,460	1,690	16%		10,410	11,910	1,500	14%	21,180	24,370	6	6-8	54,000	0.39	0.45	0.06	No
Metro	El Segundo Boulevard	Major Highway	E/W	Avalon Boulevard	Central Avenue	11,885	9,010	9,720	710	8%	9,816	8,700	9,240	540	6%	21,701	22,951	6	6-8	54,000	0.40	0.43	0.02	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Wilmington Avenue	Metro Blue Line		5,220	5,720	500	10%		3,750	4,130	380	10%	8,970	9,850	4	6-8	54,000	0.17	0.18	0.02	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Metro Blue Line	Mona Boulevard		3,480	4,280	800	23%		2,750	3,280	530	19%	6,230	7,560	4	6-8	54,000	0.12	0.14	0.02	No
Metro	El Segundo Boulevard*	Major Highway	E/W	Mona Boulevard	Alameda Street		5,420	7,740	2,320	43%		4,310	6,710	2,400	56%	9,730	14,450	4	6-8	54,000	0.18	0.27	0.09	No
Metro	Rosecrans Avenue*	Major Highway	E/W	Figueroa Street	Broadway		12,170	12,170	0	0%		12,190	11,570	-620	-5%	24,360	23,740	6	6-8	54,000	0.45	0.44	-0.01	No
Metro	Rosecrans Avenue*	Major Highway	E/W	Broadway	Main Street		10,870	11,520	650	6%		10,780	11,220	440	4%	21,650	22,740	6	6-8	54,000	0.40	0.42	0.02	No
Metro	Rosecrans Avenue*	Major Highway	E/W	Main Street	San Pedro Street		13,010	13,290	280	2%		12,810	12,860	50	0%	25,820	26,150	6	6-8	54,000	0.48	0.48	0.01	No
Metro	Rosecrans Avenue*	Major Highway	E/W	San Pedro Street	Avalon Boulevard		11,680	12,380	700	6%		11,590	12,210	620	5%	23,270	24,590	6	6-8	54,000	0.43	0.46	0.02	No
Metro	Rosecrans Avenue*	Major Highway	E/W	Avalon Boulevard	Stanford Avenue		13,000	13,520	520	4%		12,930	13,390	460	4%	25,930	26,910	6	6-8	54,000	0.48	0.50	0.02	No
Metro	Rosecrans Avenue*	Major Highway	E/W	Stanford Avenue	Central Avenue		11,930	12,130	200	2%		12,120	12,380	260	2%	24,050	24,510	6	6-8	54,000	0.45	0.45	0.01	No
Metro	Compton Avenue*	Secondary Highway	N/S	Slauson Avenue	Gage Avenue		7,030	8,740	1,710	24%		7,810	8,780	970	12%	14,840	17,520	4	4	36,000	0.41	0.49	0.07	No
Metro	Compton Avenue	Secondary Highway	N/S	Gage Avenue	71st Street	8,443	4,620	6,040	1,420	31%	8,555	5,600	6,160	560	10%	16,998	18,978	4	4	36,000	0.47	0.53	0.06	No
Metro	Compton Avenue	Secondary Highway	N/S	Florence Avenue	Nadeau Street	7,905	4,950	6,140	1,190	24%	8,735	4,830	5,420	590	12%	16,640	18,420	4	4	36,000	0.46	0.51	0.05	No
Metro	Compton Avenue	Secondary Highway	N/S	Nadeau Street	Manchester Avenue	8,173	3,660	4,090	430	12%	7,863	3,550	3,590	40	1%	16,036	16,506	4	4	36,000	0.45	0.46	0.01	No
Metro	Compton Avenue	Secondary Highway	N/S	Manchester Avenue	92nd Street	5,944	2,980	3,810	830	28%	6,051	2,480	3,100	620	25%	11,995	13,445	4	4	36,000	0.33	0.37	0.04	No
Metro	Compton Avenue*	Secondary Highway	N/S	I-105 Freeway	120th Street		2,950	3,100	150	5%		4,650	4,960	310	7%	7,600	8,060	4	4	36,000	0.21	0.22	0.01	No
Metro	Compton Avenue*	Secondary Highway	N/S	120th Street	El Segundo Boulevard		1,830	2,160	330	18%		1,930,												

Existing vs. Existing Plus Project

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)	
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth										
Metro	San Pedro Street*	Secondary Highway	N/S	Redondo Beach Boulevard	Avalon Boulevard			6,200	6,340	140	2%		7,100	6,890	-210	-3%	13,300	13,230	4	4	36,000	0.37	0.37	0.00	No
Metro	Avalon Boulevard	Major Highway	N/S	120th Street	124th Street	8,849	1,970	4,020	2,050	104%	8,490	1,830	3,990	2,160	118%	17,339	21,549	4	6-8	54,000	0.32	0.40	0.08	No	
Metro	Avalon Boulevard	Major Highway	N/S	124th Street	El Segundo Boulevard	9,598	1,960	4,020	2,060	105%	9,006	1,830	3,990	2,160	118%	18,604	22,824	4	6-8	54,000	0.34	0.42	0.08	No	
Metro	Avalon Boulevard	Major Highway	N/S	El Segundo Boulevard	135th Street	8,770	2,290	2,920	630	28%	7,304	2,110	2,820	710	34%	16,074	17,414	4	6-8	54,000	0.30	0.32	0.02	No	
Metro	Avalon Boulevard	Major Highway	N/S	135th Street	Rosecrans Avenue	7,825	3,010	3,930	920	31%	7,136	2,960	3,830	870	29%	14,961	16,751	4	6-8	54,000	0.28	0.31	0.03	No	
Metro	Avalon Boulevard	Major Highway	N/S	Rosecrans Avenue	Compton Boulevard	8,390	3,700	4,050	350	9%	6,717	3,620	3,910	290	8%	15,107	15,747	4	6-8	54,000	0.28	0.29	0.01	No	
Metro	Avalon Boulevard*	Major Highway	N/S	Compton Boulevard	Redondo Beach Boulevard		3,620	4,210	590	16%		3,600	4,270	670	19%	7,220	8,480	4	6-8	54,000	0.13	0.16	0.02	No	
Metro	Avalon Boulevard	Major Highway	N/S	Redondo Beach Boulevard	San Pedro Street	7,458	3,780	3,920	140	4%	6,906	3,870	3,990	120	3%	14,364	14,624	4	6-8	54,000	0.27	0.27	0.00	No	
Metro	Avalon Boulevard*	Major Highway	N/S	San Pedro Street	Alondra Boulevard		9,990	10,260	270	3%		10,970	10,880	-90	-1%	20,960	21,140	6	6-8	54,000	0.39	0.39	0.00	No	
Metro	120th Street*	Secondary Highway	E/W	Van Ness Avenue	Western Avenue		10,440	10,580	140	1%		9,440	9,320	-120	-1%	19,880	19,900	4	4	36,000	0.55	0.55	0.00	No	
Metro	120st Street	Secondary Highway	E/W	Western Avenue	Normandie Avenue	3,604	6,620	6,870	250	4%	3,446	6,230	6,710	480	8%	7,050	7,780	4	4	36,000	0.20	0.22	0.02	No	
Metro	120nd Street	Secondary Highway	E/W	Normandie Avenue	Vermont Avenue	4,058	6,100	5,600	-500	-8%	4,233	5,540	5,080	-460	-8%	8,291	7,331	4	4	36,000	0.23	0.20	-0.03	No	
Metro	120rd Street	Secondary Highway	E/W	Central Avenue	Success Avenue	6,166	3,300	3,800	500	15%	6,208	3,080	3,650	570	19%	12,374	13,444	4	4	36,000	0.34	0.37	0.03	No	
Metro	120th Street*	Secondary Highway	E/W	Success Avenue	Compton Avenue		990	1,220	230	23%		1,050	1,280	230	22%	2,040	2,500	4	4	36,000	0.06	0.07	0.01	No	
Metro	120th Street	Secondary Highway	E/W	Compton Avenue	Wilmington Avenue	5,093	1,700	1,940	240	14%	5,926	1,740	1,970	230	13%	11,019	11,489	4	4	36,000	0.31	0.32	0.01	No	
Metro	120th Street*	Secondary Highway	E/W	Wilmington Avenue	Metro Blue Line		4,940	7,580	2,640	53%		8,010	10,240	2,230	28%	12,950	17,820	2	4	36,000	0.36	0.50	0.14	No	
Metro	120th Street*	Secondary Highway	E/W	Metro Blue Line	Mona Boulevard		260	120	-140	-54%		120	120	0	0%	380	240	2	4	36,000	0.01	0.01	0.00	No	
Metro	Imperial Highway	Major Highway	E/W	Van Ness Avenue	Western Avenue	13,365	9,350	8,720	-630	-7%	14,215	8,210	7,880	-330	-4%	27,580	26,620	6	6-8	54,000	0.51	0.49	-0.02	No	
Metro	Imperial Highway	Major Highway	E/W	Western Avenue	Normandie Avenue	13,870	15,580	15,450	-130	-1%	13,453	13,770	13,720	-50	0%	27,323	27,143	6	6-8	54,000	0.51	0.50	0.00	No	
Metro	Imperial Highway	Major Highway	E/W	Normandie Avenue	Vermont Avenue	15,053	15,070	15,790	720	5%	14,482	12,580	14,070	1,490	12%	29,535	31,745	6	6-8	54,000	0.55	0.59	0.04	No	
Metro	Century Boulevard*	Major Highway	E/W	Van Ness Avenue	Western Avenue		15,160	17,050	1,890	12%		14,340	16,390	2,050	14%	29,500	33,440	6	6-8	54,000	0.55	0.62	0.07	No	
Metro	Century Boulevard*	Major Highway	E/W	Western Avenue	Normandie Avenue		12,940	14,710	1,770	14%		12,720	14,850	2,130	17%	25,660	29,560	4	6-8	54,000	0.48	0.55	0.07	No	
Metro	Gage Avenue*	Secondary Highway	E/W	Central Avenue	Hooper Avenue		9,930	11,630	1,700	17%		10,580	12,150	1,570	15%	20,510	23,780	4	4	36,000	0.57	0.66	0.09	No	
Metro	Gage Avenue	Secondary Highway	E/W	Hooper Avenue	Compton Avenue	13,454	9,520	10,760	1,240	13%	13,176	10,170	11,050	880	9%	26,630	28,750	4	4	36,000	0.74	0.80	0.06	No	
Metro	Gage Avenue*	Secondary Highway	E/W	Compton Avenue	Metro Blue Line		9,720	11,290	1,570	16%		9,830	11,380	1,550	16%	19,550	22,670	4	4	36,000	0.54	0.63	0.09	No	
Metro	Gage Avenue*	Secondary Highway	E/W	Holmes Avenue	Wilmington Avenue		10,740	11,910	1,170	11%		10,560	11,820	1,260	12%	21,300	23,730	4	4	36,000	0.59	0.66	0.07	No	
Metro	Long Beach Boulevard*	Major Highway	N/S	Florence Avenue	Broadway		4,740	4,600	-140	-3%		5,220	5,050	-170	-3%	9,960	9,650	4	6-8	54,000	0.18	0.18	-0.01	No	
Metro	Santa Fe Avenue	Major Highway	N/S	Florence Avenue	Nadeau Street	10,947	9,680	9,450	-230	-2%	11,518	9,910	9,930	20	0%	22,465	22,255	4	6-8	54,000	0.42	0.41	0.00	No	
Metro	Santa Fe Avenue*	Major Highway	N/S	Nadeau Street	Broadway		11,630	14,970	3,340	29%		12,030	15,260	3,230	27%	23,660	30,230	4	6-8	54,000	0.44	0.56	0.12	No	
Metro	Santa Fe Avenue	Major Highway	N/S	Broadway	Sale Place	7,901	3,720	5,420	1,700	46%	8,485	4,380	5,800	1,420	32%	16,386	19,506	4	6-8	54,000	0.30	0.36	0.06	No	
Metro	Santa Fe Avenue	Major Highway	N/S	Sale Place	Firestone Boulevard	6,600	5,390	5,610	220	4%	6,872	5,650	5,230	-420	-7%	13,472	13,272	4	6-8	54,000	0.25	0.25	0.00	No	
Metro	Nadeau Street*	Secondary Highway	E/W	Central Avenue	Hooper Avenue		2,960	2,100	-860	-29%		3,350	2,620	-730	-22%	6,310	4,720	4	4	36,000	0.18	0.13	-0.04	No	
Metro	Nadeau Street	Secondary Highway	E/W	Hooper Avenue	Compton Avenue	9,611	5,030	6,590	1,560	31%	7,335	5,510	6,770	1,260	23%	16,946	19,766	4	4	36,000	0.47	0.55	0.08	No	
Metro	Nadeau Street*	Secondary Highway	E/W	Compton Avenue	Maie Avenue		5,600	7,670	2,070	37%		6,120	7,820	1,700	28%	11,720	15,490	4	4	36,000	0.33	0.43	0.10	No	
Metro	Nadeau Street*	Secondary Highway	E/W	Maie Avenue	Walnut Drive		6,120	8,320	2,200	36%		6,330	8,400	2,070	33%	12,450	16,720	4	4	36,000	0.35	0.46	0.12	No	
Metro	Nadeau Street*	Secondary Highway	E/W	Walnut Drive	Bell Avenue		7,730	9,880	2,150	28%		7,860	9,640	1,780	23%	15,590	19,520	4	4	36,000	0.43	0.54	0.11	No	
Metro	Nadeau Street	Secondary Highway	E/W	B																					

APPENDIX A

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound					Southbound/Eastbound					2-Way Existing ADT ¹	2-Way Existing Plus Project ADT ¹	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Existing V/C ¹	Existing Plus Project V/C ¹	Difference in V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth	Existing ADT (Counts)	Existing Model ADT	Existing Plus Project Model ADT	Difference	Percent Growth									
Metro	Whittier Boulevard	Secondary Highway	E/W	Sunol Drive	Eastern Avenue	15,654	7,900	9,490	1,590	20%	11,254	10,490	11,680	1,190	11%	26,908	29,688	4	4	36,000	0.75	0.82	0.08	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Ford Boulevard	Arizona Avenue	14,211	9,190	10,830	1,640	18%	12,151	9,710	10,720	1,010	10%	26,362	29,012	4	4	36,000	0.73	0.81	0.07	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Arizona Avenue	Atlantic Boulevard	11,927	7,910	6,960	-950	-12%	11,873	8,470	7,090	-1,380	-16%	23,800	21,470	4	4	36,000	0.66	0.60	-0.06	No
Metro	Whittier Boulevard*	Major Highway	E/W	Atlantic Boulevard	Belden Avenue		7,000	6,580	-420	-6%		7,580	7,000	-580	-8%	14,580	13,580	4	6-8	54,000	0.27	0.25	-0.02	No
Metro	Whittier Boulevard*	Major Highway	E/W	Belden Avenue	Gethart Avenue		6,600	6,850	250	4%		7,450	7,380	-70	-1%	14,050	14,230	4	6-8	54,000	0.26	0.26	0.00	No
Metro	Whittier Boulevard*	Major Highway	E/W	Gethart Avenue	Hendricks Avenue		6,680	6,560	-120	-2%		7,470	7,190	-280	-4%	14,150	13,750	4	6-8	54,000	0.26	0.25	-0.01	No
Metro	Whittier Boulevard	Major Highway	E/W	Hendrick Avenue	Garfield Avenue	10,480	6,330	6,520	190	3%	11,265	7,470	6,840	-630	-8%	21,745	21,305	4	6-8	54,000	0.40	0.39	-0.01	No
Metro	Olympic Boulevard*	Major Highway	E/W	Indiana Street	Rowan Avenue		12,200	13,090	890	7%		13,070	15,650	2,580	20%	25,270	28,740	4	6-8	54,000	0.47	0.53	0.06	No
Metro	Olympic Boulevard	Major Highway	E/W	Rowan Avenue	Sunol Drive	11,109	7,740	9,280	1,540	20%	11,219	7,760	7,990	230	3%	22,328	24,098	4	6-8	54,000	0.41	0.45	0.03	No
Metro	Olympic Boulevard	Major Highway	E/W	Sunol Drive	Eastern Avenue	22,087	10,370	10,990	620	6%	12,158	9,000	9,360	360	4%	34,245	35,225	4	6-8	54,000	0.63	0.65	0.02	No
Metro	Olympic Boulevard*	Major Highway	E/W	Ford Boulevard	Arizona Avenue		11,820	12,100	280	2%		12,960	13,970	1,010	8%	24,780	26,070	4	6-8	54,000	0.46	0.48	0.02	No
Metro	Olympic Boulevard	Major Highway	E/W	Arizona Avenue	Atlantic Boulevard	12,262	8,270	8,180	-90	-1%	11,924	10,400	9,700	-700	-7%	24,186	23,396	4	6-8	54,000	0.45	0.43	-0.01	No
Metro	Olympic Boulevard*	Major Highway	E/W	Atlantic Boulevard	Goodrich Boulevard		6,440	6,690	250	4%		7,120	7,630	510	7%	13,560	14,320	4	6-8	54,000	0.25	0.27	0.01	No
Metro	Olympic Boulevard*	Major Highway	E/W	Goodrich Boulevard	Gethart Avenue		9,300	7,840	-1,460	-16%		9,420	7,960	-1,460	-15%	18,720	15,800	4	6-8	54,000	0.35	0.29	-0.05	No
Metro	Olympic Boulevard	Major Highway	E/W	Gethart Avenue	Hendricks Avenue	9,367	9,300	7,840	-1,460	-16%	10,632	9,420	7,960	-1,460	-15%	19,999	17,079	4	6-8	54,000	0.37	0.32	-0.05	No
Metro	Olympic Boulevard	Major Highway	E/W	Hendrick Avenue	Garfield Avenue	9,295	8,770	7,700	-1,070	-12%	10,582	8,900	7,830	-1,070	-12%	19,877	17,737	4	6-8	54,000	0.37	0.33	-0.04	No
Santa Monica Mountains	Kanan Dume Road*	Major Highway	N/S	Latigo Canyon Road	Pacific Coast Highway		4,810	4,170	-640	-13%		4,650	4,190	-460	-10%	9,460	8,360	2	6-8	54,000	0.18	0.15	-0.02	No
Santa Monica Mountains	Kanan Dume Road*	Major Highway	N/S	Mulholland Highway	Latigo Canyon Road		4,810	4,170	-640	-13%		4,650	4,190	-460	-10%	9,460	8,360	2	6-8	54,000	0.18	0.15	-0.02	No
Santa Monica Mountains	Kanan Dume Road*	Major Highway	N/S	Triunfo Canyon Road	Mulholland Highway		3,840	4,710	870	23%		3,950	4,800	850	22%	7,790	9,510	2	6-8	54,000	0.14	0.18	0.03	No
Santa Monica Mountains	Kanan Road	Major Highway	N/S	Sierra Creek Road	Triunfo Canyon Road	6,702	9,100	10,000	900	10%	6,651	9,850	10,540	690	7%	13,353	14,943	2	6-8	54,000	0.25	0.28	0.03	No
Santa Monica Mountains	Kanan Road	Major Highway	N/S	Troutdale Drive	Sierra Creek Road	7,814	9,080	9,940	860	9%	7,895	9,820	10,390	570	6%	15,709	17,139	2	6-8	54,000	0.29	0.32	0.03	No
Santa Monica Mountains	Kanan Road*	Major Highway	N/S	Cornell Road	Troutdale Drive		5,860	6,290	430	7%		6,800	7,070	270	4%	12,660	13,360	2	6-8	54,000	0.23	0.25	0.01	No
Santa Monica Mountains	Malibu Canyon Road	Major Highway	N/S	Adamson Flat/Palm Canyon	Pioma Road	9,594	7,020	9,580	2,560	36%	9,805	6,710	9,220	2,510	37%	19,399	24,469	2	6-8	54,000	0.36	0.45	0.09	No
Santa Monica Mountains	Las Virgenes Road	Major Highway	N/S	Pioma Road	Mulholland Highway	11,581	6,380	8,060	1,680	26%	7,972	6,300	8,400	2,100	33%	19,553	23,333	2	6-8	54,000	0.36	0.43	0.07	No
Santa Monica Mountains	Las Virgenes Road*	Major Highway	N/S	Mulholland Highway	Lost Hills Road		7,640	9,470	1,830	24%		8,290	9,430	1,140	14%	15,930	18,900	2	6-8	54,000	0.30	0.35	0.06	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)*	Secondary Highway	N/S	Pacific Coast Highway	Fernwood Pacific Drive		8,820	9,440	620	7%		9,200	9,980	780	8%	18,020	19,420	2	4	36,000	0.50	0.54	0.04	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)*	Secondary Highway	N/S	Fernwood Pacific Drive	Old Topanga Canyon Road		10,200	11,280	1,080	11%		10,630	12,000	1,370	13%	20,830	23,280	2	4	36,000	0.58	0.65	0.07	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)*	Secondary Highway	N/S	Old Tapanga Canyon Road	Keller Road		4,530	5,600	1,070	24%		4,770	5,640	870	18%	9,300	11,240	2	4	36,000	0.26	0.31	0.05	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Lechusa Road	Kanan Road	1,387	3,470	5,580	2,110	61%	1,321	3,070	5,380	2,310	75%	2,708	7,128	2	4-8	44,000	0.06	0.16	0.10	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Kanan Road	Sierra Creek Road	736	630	950	320	51%	732	500	810	310	62%	1,468	2,098	2	4-8	44,000	0.03	0.05	0.01	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Sierra Creek Road	Troutdale Drive		660	1,100	440	67%		520	870	350	67%	1,180	1,970	2	4-8	44,000	0.03	0.04	0.02	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Troutdale Drive	Lake Vista Drive		3,680	4,410	730	20%		3,740	4,520	780	21%	7,420	8,930	2	4-8	44,000	0.17	0.20	0.03	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Lake Vista Drive	Cornell Road		670	950	280	42%		760	1,100	340	45%	1,430	2,050	2	4-8	44,000	0.03	0.05	0.01	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Cornell Road	Udell Road		5,150	5,020	-130	-3%		4,510	5,550	1,040	23%	9,660	10,570	2	4-8	44,000	0.22	0.24	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Udell Road	Las Virgenes Road	541	5,150	5,020	-130	-3%	609	4,510	5,550	1,040	23%	1,150	2,060	2	4-8	44,000	0.03	0.05	0.02	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Las Virgenes Road	Cold Canyon Road		2,820	3,530	710	25%		2,900	3,670	770	27%	5,720	7,200	2	4-8	44,000	0.13	0.16	0.03	No
Santa Monica Mountains	Mulholland Highway*	Expressway	E/W	Cold Canyon Road	Stunt Road		2,110	2,490	380	18%		2,420	3,270	850	35%	4,530	5,760	2	4-8	44,000	0.10	0.13	0.03	No

Note: * Existing ADT count not available. Existing model volume used.

(1) Existing ADT counts taken by the County between 2011 and 2013 were used, where available, to calculate the existing and Existing plus Project V/C ratios. On segments where existing ADT counts were not available, the existing model ADT volumes were used.

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APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
South Bay	Crenshaw Boulevard	Major Highway	N/S	Palos Verdes Lane	Silver Spur Road	9,368	9,476	108	1%	9,542	9,626	84	1%	19,102	4	6-8	54,000	0.35	0.35	0.00	No
South Bay	Vermont Street	Major Highway	N/S	Lomita Bouelvard	Sepulveda Boulevard	12,274	12,339	65	1%	12,637	12,563	-74	-1%	24,902	4	6-8	54,000	0.46	0.46	0.00	No
South Bay	Vermont Street	Major Highway	N/S	Sepulveda Boulevard	W 228th Street	3,658	4,286	628	17%	6,286	6,688	402	6%	10,974	4	6-8	54,000	0.18	0.20	0.02	No
South Bay	Vermont Street	Major Highway	N/S	W 228th Street	W 223rd Street	9,113	10,063	950	10%	11,962	12,645	683	6%	22,708	4	6-8	54,000	0.39	0.42	0.03	No
South Bay	Vermont Street	Major Highway	N/S	W 223rd Street	W 220th Street	5,577	6,903	1,326	24%	6,940	7,869	929	13%	14,772	4	6-8	54,000	0.23	0.27	0.04	No
South Bay	Vermont Street	Major Highway	N/S	W 220th Street	Carson Street	2,012	1,971	-41	-2%	3,413	3,030	-383	-11%	5,001	4	6-8	54,000	0.10	0.09	-0.01	No
South Bay	Vermont Street	Major Highway	N/S	Carson Street	Torrance Boulevard	5,072	6,611	1,539	30%	5,176	5,939	763	15%	12,550	4	6-8	54,000	0.19	0.23	0.04	No
South Bay	Vermont Street	Major Highway	N/S	Torrance Boulevard	Del Amo Boulevard	6,825	7,490	665	10%	6,129	6,574	445	7%	14,064	4	6-8	54,000	0.24	0.26	0.02	No
South Bay	Manhattan Beach Blvd	Major Highway	E/W	Prairie Avenue	Crenshaw Boulevard	5,820	5,926	106	2%	4,997	4,962	-35	-1%	10,888	4	6-8	54,000	0.20	0.20	0.00	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	La Cienega Boulevard	Inglewood Avenue	5,324	5,457	133	2%	4,719	4,848	129	3%	10,305	2	4	36,000	0.28	0.29	0.01	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	Inglewood Avenue	Hawthorne Boulevard	2,843	2,864	21	1%	2,505	2,624	119	5%	5,488	2	4	36,000	0.15	0.15	0.00	No
South Bay	Lennox Boulevard	Secondary Highway	E/W	Hawthorne Boulevard	Freeman Avenue	1,279	1,263	-16	-1%	2,019	2,011	-8	0%	3,274	4	4	36,000	0.09	0.09	0.00	No
South Bay	W 220th Street	Secondary Highway	E/W	Normandie Avenue	Meyler Street	3,469	4,591	1,122	32%	3,678	4,904	1,226	33%	9,495	4	4	36,000	0.20	0.26	0.07	No
South Bay	W 220th Street	Secondary Highway	E/W	Meyler Street	Vermont Avenue	3,565	4,932	1,367	38%	3,527	4,839	1,312	37%	9,771	4	4	36,000	0.20	0.27	0.07	No
South Bay	Normandie Avenue	Secondary Highway	N/S	Sepulveda Boulevard	Lomita Boulevard	5,163	5,630	467	9%	4,599	4,912	313	7%	10,542	4	4	36,000	0.27	0.29	0.02	No
South Bay	Normandie Avenue	Secondary Highway	N/S	W 228th Street	Sepulveda Boulevard	5,803	6,225	422	7%	5,928	6,219	291	5%	12,444	4	4	36,000	0.33	0.35	0.02	No
South Bay	Normandie Avenue	Secondary Highway	N/S	W 223rd Street	W 228th Street	4,368	4,887	519	12%	4,844	5,376	532	11%	10,263	4	4	36,000	0.26	0.29	0.03	No
South Bay	Normandie Avenue	Secondary Highway	N/S	W 220th Street	W 223rd Street	6,764	7,668	904	13%	7,235	8,273	1,038	14%	15,941	4	4	36,000	0.39	0.44	0.05	No
South Bay	Normandie Avenue	Secondary Highway	N/S	Carson Street	W 220th Street	1,938	1,694	-244	-13%	2,464	2,356	-108	-4%	4,050	4	4	36,000	0.12	0.11	-0.01	No
South Bay	Normandie Avenue	Secondary Highway	N/S	Torrance Boulevard	Carson Street	4,017	4,624	607	15%	4,954	5,695	741	15%	10,319	4	4	36,000	0.25	0.29	0.04	No
South Bay	Normandie Avenue	Secondary Highway	N/S	Del Amo Boulevard	Torrance Boulevard	8,335	8,860	525	6%	9,416	9,843	427	5%	18,703	4	4	36,000	0.49	0.52	0.03	No
South Bay	Sepulvada Boulevard	Major Highway	E/W	Normandie Avenue	Vermont Avenue	20,573	20,639	66	0%	22,635	22,932	297	1%	43,571	6	6-8	54,000	0.80	0.81	0.01	No
South Bay	Sepulvada Boulevard	Major Highway	E/W	Vermont Avenue	I-110 South Offramp	30,507	30,962	455	1%	35,056	35,683	627	2%	66,645	6	6-8	54,000	1.21	1.23	0.02	Yes
South Bay	Sepulvada Boulevard	Major Highway	E/W	I-110 South Offramp	Figueroa St	21,522	22,230	708	3%	17,765	18,197	432	2%	40,427	6	6-8	54,000	0.73	0.75	0.02	No
Antelope Valley	W Avenue J	Major Highway	E/W	90th Street E	100th Street E	4,386	6,894	2,508	57%	3,606	6,492	2,886	80%	13,386	2	6-8	54,000	0.15	0.25	0.10	No
Antelope Valley	W Avenue J	Major Highway	E/W	100th Street E	110th Street E	5,149	8,687	3,538	69%	4,353	8,356	4,003	92%	17,043	2	6-8	54,000	0.18	0.32	0.14	No
Antelope Valley	W Avenue J	Major Highway	E/W	110th Street E	140th Street E	6,093	10,117	4,024	66%	4,750	9,743	4,993	105%	19,860	2	6-8	54,000	0.20	0.37	0.17	No
Antelope Valley	W Avenue J	Major Highway	E/W	140th Street E	150th Street E	7,262	10,840	3,578	49%	5,058	9,613	4,555	90%	20,453	2	6-8	54,000	0.23	0.38	0.15	No
Antelope Valley	W Avenue J	Major Highway	E/W	150th Street E	170th Street E	8,258	11,956	3,698	45%	5,911	10,731	4,820	82%	22,687	2	6-8	54,000	0.26	0.42	0.16	No
Antelope Valley	W Avenue J	Major Highway	E/W	170th Street E	200th Street E	8,300	12,264	3,964	48%	5,953	10,972	5,019	84%	23,236	2	6-8	54,000	0.26	0.43	0.17	No
Antelope Valley	Lancaster Road	Expressway	E/W	Pine Canyon Road	W Avenue I			0	N/A			0	N/A	0	6	4-8	66,000	0.00	0.00	0.00	No
Antelope Valley	Lancaster Road	Expressway	E/W	W Avenue I	190th Street W	6,879	8,065	1,186	17%	9,667	9,044	-623	-6%	17,109	6	4-8	66,000	0.25	0.26	0.01	No
Antelope Valley	Lancaster Road	Expressway	E/W	190th Street W	170th Street W	6,879	1,392	-5,487	-80%	9,670	3,080	-6,590	-68%	4,472	6	4-8	66,000	0.25	0.07	-0.18	No
Antelope Valley	Lancaster Road	Expressway	E/W	170th Street W	110th Street W	11,826	19,582	7,756	66%	14,211	21,331	7,120	50%	40,913	6	4-8	66,000	0.39	0.62	0.23	No
Antelope Valley	Lancaster Road	Expressway	E/W	110th Street W	90th Street W	7,949	10,586	2,637	33%	9,759	11,319	1,560	16%	21,905	6	4-8	66,000	0.27	0.33	0.06	No
Antelope Valley	Lancaster Road	Expressway	E/W	90th Street W	70th Street W	7,688	8,925	1,237	16%	8,183	9,241	1,058	13%	18,166	6	4-8	66,000	0.24	0.28	0.03	No
Antelope Valley	Lancaster Road	Expressway	E/W	70th Street W	60th Street W	7,781	9,691	1,910	25%	8,547	9,601	1,054	12%	19,292	6	4-8	66,000	0.25	0.29	0.04	No
Antelope Valley	170th Street E	Secondary Highway	N/S	Avenue T	Avenue W			0	N/A			0	N/A	0	2	4	36,000	0.00	0.00	0.00	No
Antelope Valley	170th Street E	Secondary Highway	N/S	Avenue W	165th Street			0	N/A			0	N/A	0	2	4	36,000	0.00	0.00	0.00	No
Antelope Valley	Elizabeth Lake Road	Major Highway	E/W	Johnson Road	San Francisquito Canyon Road	10,647	15,747	5,100	48%	10,006	17,090	7,084	71%	32,837	2	6-8	54,000	0.38	0.61	0.23	No
Antelope Valley	Elizabeth Lake Road	Major Highway	E/W	San Francisquito Canyon Road	Bouquet																

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APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
Santa Clarita Valley	Henry Mayo Drive (SR-126)	Expressway	E/W	Commerce Center Drive	I-5 South Offramp	43,215	50,486	7,271	17%	37,127	45,089	7,962	21%	95,575	6	4-8	66,000	1.22	1.45	0.23	Yes
Santa Clarita Valley	Henry Mayo Drive (SR-126)	Expressway	E/W	Del Valle Road	Commerce Center Drive	31,231	33,508	2,277	7%	26,038	29,592	3,554	14%	63,100	6	4-8	66,000	0.87	0.96	0.09	No
Santa Clarita Valley	Henry Mayo Drive (SR-126)	Expressway	E/W	San Martinez Grande Canyon Road	Del Valle Road	36,636	40,689	4,053	11%	33,189	38,374	5,185	16%	79,063	4	4-8	44,000	1.59	1.80	0.21	Yes
Santa Clarita Valley	Bouquet Canyon Road	Major Highway	N/S	Vasquez Canyon Road	Shadow Valley Lane	6,639	9,169	2,530	38%	6,349	8,935	2,586	41%	18,104	2	6-8	54,000	0.24	0.34	0.09	No
Santa Clarita Valley	Bouquet Canyon Road	Major Highway	N/S	Texas Canyon Road	Vasquez Canyon Road	7,300	12,309	5,009	69%	6,666	11,248	4,582	69%	23,557	2	6-8	54,000	0.26	0.44	0.18	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Sand Canyon Road	Ryan Lane	10,126	16,771	6,645	66%	9,835	16,535	6,700	68%	33,306	4	6-8	54,000	0.37	0.62	0.25	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Vasquez Canyon Road	Sand Canyon Road	10,004	17,879	7,875	79%	9,559	17,009	7,450	78%	34,888	4	6-8	54,000	0.36	0.65	0.28	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Davenport Road	Vasquez Canyon Road	5,012	10,369	5,357	107%	4,610	9,700	5,090	110%	20,069	4	6-8	54,000	0.18	0.37	0.19	No
Santa Clarita Valley	Sierra Highway	Major Highway	N/S	Agua Dulce Canyon Road	Davenport Road	2,056	6,463	4,407	214%	2,040	5,246	3,206	157%	11,709	2	6-8	54,000	0.08	0.22	0.14	No
Santa Clarita Valley	Vasquez Canyon Road	Major Highway	E/W	Bouquet Canyon Road	Sierra Highway	4,026	7,001	2,975	74%	3,685	6,326	2,641	72%	13,327	2	6-8	54,000	0.14	0.25	0.10	No
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	Via Joyce Drive	Santa Catarina Road	8,603	10,245	1,642	19%	8,414	9,849	1,435	17%	20,094	6	6-8	54,000	0.32	0.37	0.06	No
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	Santa Catarina Road	La Madrid Drive	9,066	11,189	2,123	23%	9,226	11,343	2,117	23%	22,532	6	6-8	54,000	0.34	0.42	0.08	No
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	La Madrid Drive	Farrell Road	9,918	11,840	1,922	19%	9,799	11,842	2,043	21%	23,682	6	6-8	54,000	0.37	0.44	0.07	No
Santa Clarita Valley	Plum Canyon Road	Major Highway	E/W	Farrell Road	Ashboro Road	7,870	9,175	1,305	17%	7,786	9,205	1,419	18%	18,380	6	6-8	54,000	0.29	0.34	0.05	No
Santa Clarita Valley	Commerce Center Drive	Major Highway	N/S	The Old Road	Hasley Canyon Road	21,697	24,375	2,678	12%	19,089	23,961	4,872	26%	48,336	4	6-8	54,000	0.76	0.90	0.14	No
Santa Clarita Valley	Commerce Center Drive	Major Highway	N/S	Hasley Canyon Road	Live Oak Road	4,733	8,789	4,056	86%	4,637	8,768	4,131	89%	17,557	4	6-8	54,000	0.17	0.33	0.15	No
Santa Clarita Valley	Commerce Center Drive	Major Highway	N/S	Live Oak Road	Henry Mayo Drive	6,715	13,334	6,619	99%	6,822	13,478	6,656	98%	26,812	4	6-8	54,000	0.25	0.50	0.25	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Camino Del Sur	Hacienda Boulevard	26,393	27,229	836	3%	25,523	26,689	1,166	5%	53,918	6	6-8	54,000	0.96	1.00	0.04	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Hacienda Boulevard	Stimson Avenue	14,314	14,720	406	3%	15,569	16,099	530	3%	30,819	6	6-8	54,000	0.55	0.57	0.02	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Stimson Avenue	Halliburton Road	17,088	17,769	681	4%	18,378	19,180	802	4%	36,949	6	6-8	54,000	0.66	0.68	0.03	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Halliburton Road	Azusa Avenue	18,480	19,116	636	3%	20,375	21,139	764	4%	40,255	6	6-8	54,000	0.72	0.75	0.03	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Azusa Avenue	Albattross Road	19,430	21,688	2,258	12%	17,713	19,660	1,947	11%	41,348	6	6-8	54,000	0.69	0.77	0.08	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Albattross Road	Stoner Creek Road	8,989	10,238	1,249	14%	8,512	9,596	1,084	13%	19,834	6	6-8	54,000	0.32	0.37	0.04	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Stoner Creek Road	Larkvane Road	14,453	16,229	1,776	12%	15,344	16,618	1,274	8%	32,847	6	6-8	54,000	0.55	0.61	0.06	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	S Larkvane Road	Fullerton Road	14,453	16,229	1,776	12%	15,344	16,618	1,274	8%	32,847	6	6-8	54,000	0.55	0.61	0.06	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Fullerton Road	Batson Avenue	19,025	21,950	2,925	15%	16,577	19,699	3,122	19%	41,649	6	6-8	54,000	0.66	0.77	0.11	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Batson Avenue	Nogales Street	10,889	12,130	1,241	11%	10,230	11,624	1,394	14%	23,754	6	6-8	54,000	0.39	0.44	0.05	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Nogales Street	Otterbein Avenue	11,676	12,937	1,261	11%	10,656	12,098	1,442	14%	25,035	6	6-8	54,000	0.41	0.46	0.05	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Otterbein Avenue	Fairway Drive	8,021	9,148	1,127	14%	6,795	8,091	1,296	19%	17,239	6	6-8	54,000	0.27	0.32	0.04	No
East San Gabriel Valley	Colima Road	Major Highway	E/W	Fairway Drive	Lake Canyon Drive	5,579	6,204	625	11%	4,037	4,642	605	15%	10,846	4	6-8	54,000	0.18	0.20	0.02	No
East San Gabriel Valley	Amar Road	Major Highway	E																		

APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
Gateway	Telegraph Road	Major Highway	E/W	Mills Avenue	Valley View Avenue	17,196	17,899	703	4%	16,878	17,649	771	5%	35,548	4	6-8	54,000	0.63	0.66	0.03	No
Gateway	Telegraph Road	Major Highway	E/W	Valley View Avenue	Colima Road	10,053	9,977	-76	-1%	10,125	9,997	-128	-1%	19,974	4	6-8	54,000	0.37	0.37	0.00	No
Gateway	Telegraph Road	Major Highway	E/W	Colima Road	Leffingwell Road	12,982	14,019	1,037	8%	13,034	14,020	986	8%	28,039	4	6-8	54,000	0.48	0.52	0.04	No
Gateway	Telegraph Road	Major Highway	E/W	Leffingwell Road	Imperial Highway	9,653	10,152	499	5%	9,560	9,973	413	4%	20,125	4	6-8	54,000	0.36	0.37	0.02	No
Gateway	Imperial Highway	Major Highway	E/W	Shoemaker Avenue	Leffingwell Road	20,328	20,856	528	3%	20,290	20,870	580	3%	41,726	4	6-8	54,000	0.75	0.77	0.02	No
Gateway	Imperial Highway	Major Highway	E/W	Leffingwell Road	Carmenita Road	10,894	10,750	-144	-1%	11,004	10,846	-158	-1%	21,596	4	6-8	54,000	0.41	0.40	-0.01	No
Gateway	Imperial Highway	Major Highway	E/W	Carmenita Road	Shopping Center Driveway	12,931	13,047	116	1%	13,267	13,375	108	1%	26,422	4	6-8	54,000	0.49	0.49	0.00	No
Gateway	Imperial Highway	Major Highway	E/W	Shopping Center Driveway	Meyer Road	10,427	10,514	87	1%	10,891	10,994	103	1%	21,508	4	6-8	54,000	0.39	0.40	0.00	No
Gateway	Imperial Highway	Major Highway	E/W	Meyer Road	Valley View Avenue	14,732	15,137	405	3%	15,464	15,794	330	2%	30,931	4	6-8	54,000	0.56	0.57	0.01	No
Gateway	Imperial Highway	Major Highway	E/W	Valley View Avenue	Biola Avenue	12,245	12,491	246	2%	12,705	12,858	153	1%	25,349	4	6-8	54,000	0.46	0.47	0.01	No
Gateway	Imperial Highway	Major Highway	E/W	Biola Avenue	Telegraph Road	13,714	13,976	262	2%	14,347	14,719	372	3%	28,695	4	6-8	54,000	0.52	0.53	0.01	No
Westside	La Cienega Boulevard	Major Highway	N/S	Stocker Street	Slauson Avenue	34,357	34,793	436	1%	33,052	33,258	206	1%	68,051	6	6-8	54,000	1.25	1.26	0.01	No
Westside	La Cienega Boulevard	Major Highway	N/S	Rodeo Place	Stocker Street	26,310	26,865	555	2%	25,354	25,635	281	1%	52,500	6	6-8	54,000	0.96	0.97	0.02	No
Westside	La Brea Avenue	Major Highway	N/S	Veronica Street	Overhill Drive	26,127	27,149	1,022	4%	24,791	25,561	770	3%	52,710	6	6-8	54,000	0.94	0.98	0.03	No
Westside	La Brea Avenue	Major Highway	N/S	Overhill Drive	Slauson Avenue	29,012	29,154	142	0%	27,009	27,143	134	0%	56,297	4	6-8	54,000	1.04	1.04	0.01	No
Westside	La Brea Avenue	Major Highway	N/S	Slauson Avenue	Centinela Avenue	14,560	14,782	222	2%	16,422	16,834	412	3%	31,616	4	6-8	54,000	0.57	0.59	0.01	No
Westside	Slauson Avenue	Major Highway	E/W	Corning Avenue	La Cienega Boulevard	34,740	34,819	79	0%	30,466	30,558	92	0%	65,377	6	6-8	54,000	1.21	1.21	0.00	No
Westside	Slauson Avenue	Major Highway	E/W	La Cienega Boulevard	Fairfax Boulevard	32,578	32,891	313	1%	34,689	34,880	191	1%	67,771	6	6-8	54,000	1.25	1.26	0.01	No
Westside	Slauson Avenue	Major Highway	E/W	Fairfax Boulevard	La Brea Avenue	38,536	38,940	404	1%	39,482	39,788	306	1%	78,728	6	6-8	54,000	1.44	1.46	0.01	No
Westside	Slauson Avenue	Major Highway	E/W	La Brea Avenue	Overhill Drive	24,452	24,640	188	1%	21,368	21,197	-171	-1%	45,837	6	6-8	54,000	0.85	0.85	0.00	No
Westside	Stocker Street	Major Highway	E/W	La Cienega Boulevard	Fairfax Boulevard	14,899	15,806	907	6%	15,244	15,966	722	5%	31,772	4	6-8	54,000	0.56	0.59	0.03	No
Westside	Stocker Street	Major Highway	E/W	Fairfax Boulevard	Overhill Drive/La Brea Avenue	13,334	14,105	771	6%	13,842	14,513	671	5%	28,618	4	6-8	54,000	0.50	0.53	0.03	No
San Fernando Valley	Foothill Boulevard	Major Highway	E/W	Pennsylvania Avenue	La Crescenta Avenue	9,466	10,334	868	9%	8,148	8,971	823	10%	19,305	4	6-8	54,000	0.33	0.36	0.03	No
San Fernando Valley	Foothill Boulevard	Major Highway	E/W	La Crescenta Avenue	Rosemont Avenue	3,214	4,161	947	29%	2,504	3,358	854	34%	7,519	4	6-8	54,000	0.11	0.14	0.03	No
San Fernando Valley	Foothill Boulevard	Major Highway	E/W	Rosemont Avenue	Briggs Avenue	11,517	13,184	1,667	14%	10,564	11,949	1,385	13%	25,133	4	6-8	54,000	0.41	0.47	0.06	No
San Fernando Valley	Rosemont Avenue	Secondary Highway	N/S	Rockdell Street	Orange Avenue	5,348	6,106	758	14%	5,358	6,029	671	13%	12,135	2	4	36,000	0.30	0.34	0.04	No
San Fernando Valley	Rosemont Avenue	Secondary Highway	N/S	Orange Avenue	Foothill Boulevard	5,028	5,794	766	15%	4,712	5,229	517	11%	11,023	2	4	36,000	0.27	0.31	0.04	No
San Fernando Valley	Rosemont Avenue	Secondary Highway	N/S	Foothill Boulevard	Foothill Freeway	1,550	2,311	761	49%	1,859	2,445	586	32%	4,756	4	4	36,000	0.09	0.13	0.04	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	Colorado Boulevard	Del Mar Boulevard	19,556	20,420	864	4%	19,444	20,030	586	3%	40,450	4	6-8	54,000	0.72	0.75	0.03	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	Del Mar Boulevard	San Pasqual Street	17,382	17,651	269	2%	17,668	17,767	99	1%	35,418	4	6-8	54,000	0.65	0.66	0.01	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	San Pasqual Street	California Boulevard	19,571	20,400	829	4%	19,961	20,720	759	4%	41,120	4	6-8	54,000	0.73	0.76	0.03	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	E California Boulevard	Huntington Drive	20,752	22,107	1,355	7%	18,906	19,529	623	3%	41,636	4	6-8	54,000	0.73	0.77	0.04	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	Huntington Drive	Huntington Drive	14,817	16,086	1,269	9%	18,809	19,023	214	1%	35,109	4	6-8	54,000	0.62	0.65	0.03	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	Huntington Drive	Duarte Road	13,356	14,030	674	5%	13,899	14,650	751	5%	28,680	4	6-8	54,000	0.50	0.53	0.03	No
West San Gabriel Valley	Rosemead Boulevard (SR -19)	Major Highway	N/S	Duarte Road	Ardendale Avenue	15,517	16,027	510	3%	15,487	16,056	569	4%	32,083	4	6-8	54,000	0.57	0.59	0.02	No
West San Gabriel Valley	Huntington Drive	Expressway	E/W	San Gabriel Boulevard	Madre Street	27,395	27,553	158	1%	26,484	26,378	-106	0%	53,931	8	4-8	88,000	0.61	0.61	0.00	No
West San Gabriel Valley	Huntington Drive	Expressway	E/W	Madre Street	Madre Street			0	N/A			0	N/A	0	8	4-8	88,000	0.00	0.00	0.00	No
West San Gabriel Valley	Huntington Drive	Expressway	E/W	Madre Street	Rosemead Boulevard	20,527	20,738	211	1%	22,081	22,534	453	2%	43,272	8	4-8	88,000	0.48	0.49	0.01	No
West San Gabriel Valley	Huntington Drive	Expressway	E/W	Rosemead Boulevard	Michillinda Avenue	26,365	26,253	-112	0%	25,811	25,081	-730	-3%	51,334	8	4-8	88,000	0.59	0.58	-0.01	No
West San Gabriel Valley	San Gabriel Boulevard	Major Highway	N/S	E California Boulevard	Lombardy Road	15,575	16,161	586	4%	15,205	15,572	367	2%	31,733	4	6-8	54,000	0.57	0.59	0.02	No
West San Gabriel Valley	San Gabriel Boulevard	Major Highway	N/S	Lombardy Road	Huntington Drive	15,575	16,165														

County of Los Angeles General Plan Update
Future 2035 No Project vs. Future 2035 Plus Project

DRAFT Transportation and Circulation Report

APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
Metro	Western Avenue	Major Highway	N/S	Imperial Highway	120th Street	11,762	12,448	686	6%	12,622	13,359	737	6%	25,807	4	6-8	54,000	0.45	0.48	0.03	No
Metro	Western Avenue	Major Highway	N/S	120th Street	El Segundo Boulevard	11,699	12,101	402	3%	11,584	11,984	400	3%	24,085	4	6-8	54,000	0.43	0.45	0.01	No
Metro	Normandie Avenue	Secondary Highway	N/S	Manchester Avenue	92nd Street	2,649	2,809	160	6%	2,845	3,003	158	6%	5,812	2	4	36,000	0.15	0.16	0.01	No
Metro	Normandie Avenue	Secondary Highway	N/S	92nd Street	95th Street	4,497	4,948	451	10%	4,382	4,719	337	8%	9,667	2	4	36,000	0.25	0.27	0.02	No
Metro	Normandie Avenue	Secondary Highway	N/S	95th Street	Century Boulevard	3,654	3,737	83	2%	3,608	3,648	40	1%	7,385	2	4	36,000	0.20	0.21	0.00	No
Metro	Normandie Avenue	Secondary Highway	N/S	Centruy Boulevard	108th Street	4,276	4,807	531	12%	4,585	5,346	761	17%	10,153	2	4	36,000	0.25	0.28	0.04	No
Metro	Normandie Avenue	Secondary Highway	N/S	108th Street	Imperial Highway	3,330	3,730	400	12%	3,484	3,955	471	14%	7,685	2	4	36,000	0.19	0.21	0.02	No
Metro	Normandie Avenue	Secondary Highway	N/S	Imperial Highway	120th Street	3,982	4,395	413	10%	4,181	4,552	371	9%	8,947	2	4	36,000	0.23	0.25	0.02	No
Metro	Normandie Avenue	Secondary Highway	N/S	120th Street	El Segundo Boulevard	3,237	3,567	330	10%	3,280	3,486	206	6%	7,053	2	4	36,000	0.18	0.20	0.01	No
Metro	Vermont Avenue	Major Highway	N/S	Manchester Avenue	90th Street	15,690	16,551	861	5%	14,956	15,659	703	5%	32,210	6	6-8	54,000	0.57	0.60	0.03	No
Metro	Vermont Avenue	Major Highway	N/S	90th Street	92nd Street	12,610	13,331	721	6%	11,885	12,502	617	5%	25,833	6	6-8	54,000	0.45	0.48	0.02	No
Metro	Vermont Avenue	Major Highway	N/S	92nd Street	Colden Avenue	14,173	15,014	841	6%	13,848	14,601	753	5%	29,615	6	6-8	54,000	0.52	0.55	0.03	No
Metro	Vermont Avenue	Major Highway	N/S	Colden Avenue	Century Boulevard	12,601	13,224	623	5%	12,459	13,026	567	5%	26,250	6	6-8	54,000	0.46	0.49	0.02	No
Metro	Vermont Avenue	Major Highway	N/S	Centruy Boulevard	108th Street	14,131	14,882	751	5%	13,801	14,432	631	5%	29,314	6	6-8	54,000	0.52	0.54	0.03	No
Metro	Vermont Avenue	Major Highway	N/S	108th Street	111th Street	12,634	13,556	922	7%	12,304	13,149	845	7%	26,705	6	6-8	54,000	0.46	0.49	0.03	No
Metro	Vermont Avenue	Major Highway	N/S	111th Street	Imperial Highway	12,458	13,423	965	8%	12,218	13,196	978	8%	26,619	6	6-8	54,000	0.46	0.49	0.04	No
Metro	Vermont Avenue	Major Highway	N/S	Imperial Highway	120th Street	15,206	16,437	1,231	8%	17,844	18,955	1,111	6%	35,392	6	6-8	54,000	0.61	0.66	0.04	No
Metro	Vermont Avenue	Major Highway	N/S	120th Street	El Segundo Boulevard	14,781	15,675	894	6%	15,996	16,892	896	6%	32,567	6	6-8	54,000	0.57	0.60	0.03	No
Metro	Broadway	Major Highway	N/S	120th Street	124th Street	5,830	6,133	303	5%	5,333	5,576	243	5%	11,709	4	6-8	54,000	0.21	0.22	0.01	No
Metro	Broadway	Major Highway	N/S	124th Street	El Segundo Boulevard	5,826	6,126	300	5%	5,329	5,571	242	5%	11,697	4	6-8	54,000	0.21	0.22	0.01	No
Metro	Broadway	Major Highway	N/S	El Segundo Boulevard	135th Street	3,867	4,314	447	12%	3,003	3,433	430	14%	7,747	4	6-8	54,000	0.13	0.14	0.02	No
Metro	Broadway	Major Highway	N/S	135th Street	Rosecrans Avenue	3,141	3,357	216	7%	2,976	3,213	237	8%	6,570	4	6-8	54,000	0.11	0.12	0.01	No
Metro	Broadway	Major Highway	N/S	Rosecrans Avenue	Compton Boulevard	3,216	3,295	79	2%	2,670	2,845	175	7%	6,140	4	6-8	54,000	0.11	0.11	0.00	No
Metro	Broadway	Major Highway	N/S	Compton Boulevard	Redondo Beach Boulevard	4,681	4,972	291	6%	4,671	4,889	218	5%	9,861	4	6-8	54,000	0.17	0.18	0.01	No
Metro	Broadway	Major Highway	N/S	Redondo Beach Boulevard	Alondra Boulevard	3,264	3,495	231	7%	3,141	3,355	214	7%	6,850	4	6-8	54,000	0.12	0.13	0.01	No
Metro	El Segundo Boulevard	Major Highway	E/W	Figueroa Street	Broadway	12,393	13,507	1,114	9%	11,065	11,998	933	8%	25,505	6	6-8	54,000	0.43	0.47	0.04	No
Metro	El Segundo Boulevard	Major Highway	E/W	Broadway	Main Street	11,796	12,841	1,045	9%	10,835	11,658	823	8%	24,499	6	6-8	54,000	0.42	0.45	0.03	No
Metro	El Segundo Boulevard	Major Highway	E/W	Main Street	San Pedro Street	11,032	11,973	941	9%	10,449	11,122	673	6%	23,095	6	6-8	54,000	0.40	0.43	0.03	No
Metro	El Segundo Boulevard	Major Highway	E/W	San Pedro Street	Avalon Boulevard	12,171	13,300	1,129	9%	11,743	12,668	925	8%	25,968	6	6-8	54,000	0.44	0.48	0.04	No
Metro	El Segundo Boulevard	Major Highway	E/W	Avalon Boulevard	Central Avenue	10,098	10,725	627	6%	9,596	10,065	469	5%	20,790	6	6-8	54,000	0.36	0.39	0.02	No
Metro	El Segundo Boulevard	Major Highway	E/W	Wilmington Avenue	Metro Blue Line	5,919	6,489	570	10%	4,302	4,559	257	6%	11,048	4	6-8	54,000	0.19	0.20	0.02	No
Metro	El Segundo Boulevard	Major Highway	E/W	Metro Blue Line	Mona Boulevard	4,578	4,725	147	3%	3,443	3,561	118	3%	8,286	4	6-8	54,000	0.15	0.15	0.00	No
Metro	El Segundo Boulevard	Major Highway	E/W	Mona Boulevard	Alameda Street	7,893	8,632	739	9%	6,397	7,214	817	13%	15,846	4	6-8	54,000	0.26	0.29	0.03	No
Metro	Rosecrans Avanue	Major Highway	E/W	Figueroa Street	Broadway	12,025	13,005	980	8%	11,620	12,386	766	7%	25,391	6	6-8	54,000	0.44	0.47	0.03	No
Metro	Rosecrans Avanue	Major Highway	E/W	Broadway	Main Street	11,414	12,328	914	8%	11,390	12,015	625	5%	24,343	6	6-8	54,000	0.42	0.45	0.03	No
Metro	Rosecrans Avanue	Major Highway	E/W	Main Street	San Pedro Street	13,545	14,318	773	6%	13,272	13,928	656	5%	28,246	6	6-8	54,000	0.50	0.52	0.03	No
Metro	Rosecrans Avanue	Major Highway	E/W	San Pedro Street	Avalon Boulevard	12,300	13,409	1,109	9%	12,193	13,251	1,058	9%	26,660	6	6-8	54,000	0.45	0.49	0.04	No
Metro	Rosecrans Avanue	Major Highway	E/W	Avalon Boulevard	Stanford Avenue	13,379	14,669	1,290	10%	13,256	14,378	1,122	8%	29,047	6	6-8	54,000	0.49	0.54	0.04	No
Metro	Rosecrans Avenue	Major Highway	E/W	Stanford Avenue	Central Avenue	12,174	13,103	929	8%	12,462	13,336	874	7%	26,439	6	6-8	54,000	0.46	0.49	0.03	No
Metro	Compton Avenue	Secondary Highway	N/S	Slauson Avenue	Gage Avenue	9,178	9,322	144	2%	9,295	9,416	121	1%	18,738	4	4	36,000	0.51	0.52	0.01	No
Metro	Compton Avenue	Secondary Highway	N/S	Gage Avenue	71st Street	6,737	6,810	73	1%	6,916	6,870	-46	-1%	13,680	4	4	36,000	0.38	0.38	0.00	No
Metro	Compton Avenue	Secondary Highway																			

APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
Metro	Main Street	Major Highway	N/S	124th Street	El Segundo Boulevard	3,556	3,990	434	12%	3,539	3,879	340	10%	7,869	4	6-8	54,000	0.13	0.15	0.01	No
Metro	Main Street	Major Highway	N/S	El Segundo Boulevard	135th Street	4,765	5,119	354	7%	4,508	4,807	299	7%	9,926	4	6-8	54,000	0.17	0.18	0.01	No
Metro	Main Street	Major Highway	N/S	135th Street	Rosecrans Avenue	2,457	2,546	89	4%	2,581	2,744	163	6%	5,290	4	6-8	54,000	0.09	0.10	0.00	No
Metro	Main Street	Major Highway	N/S	Rosecrans Avenue	Compton Boulevard	6,752	7,273	521	8%	7,096	7,530	434	6%	14,803	4	6-8	54,000	0.26	0.27	0.02	No
Metro	Main Street	Major Highway	N/S	Compton Boulevard	Redondo Beach Boulevard	2,052	2,171	119	6%	2,348	2,412	64	3%	4,583	4	6-8	54,000	0.08	0.08	0.00	No
Metro	Main Street	Major Highway	N/S	Redondo Beach Boulevard	Alondra Boulevard	2,714	2,879	165	6%	2,616	2,731	115	4%	5,610	4	6-8	54,000	0.10	0.10	0.01	No
Metro	San Pedro Street	Secondary Highway	N/S	120th Street	124th Street	1,440	1,758	318	22%	1,255	1,538	283	23%	3,296	4	4	36,000	0.07	0.09	0.02	No
Metro	San Pedro Street	Secondary Highway	N/S	124th Street	El Segundo Boulevard	860	1,115	255	30%	724	946	222	31%	2,061	4	4	36,000	0.04	0.06	0.01	No
Metro	San Pedro Street	Secondary Highway	N/S	El Segundo Boulevard	135th Street	3,296	3,720	424	13%	3,062	3,394	332	11%	7,114	4	4	36,000	0.18	0.20	0.02	No
Metro	San Pedro Street	Secondary Highway	N/S	135th Street	Rosecrans Avenue	2,682	2,974	292	11%	2,641	2,773	132	5%	5,747	4	4	36,000	0.15	0.16	0.01	No
Metro	San Pedro Street	Secondary Highway	N/S	Rosecrans Avenue	Compton Boulevard	5,889	6,300	411	7%	5,800	5,959	159	3%	12,259	4	4	36,000	0.32	0.34	0.02	No
Metro	San Pedro Street	Secondary Highway	N/S	Compton Boulevard	Redondo Beach Boulevard	4,714	5,058	344	7%	4,753	4,904	151	3%	9,962	4	4	36,000	0.26	0.28	0.01	No
Metro	San Pedro Street	Secondary Highway	N/S	Redondo Beach Boulevard	Alavon Boulevard	6,526	6,969	443	7%	7,280	7,543	263	4%	14,512	4	4	36,000	0.38	0.40	0.02	No
Metro	Avalon Boulevard	Major Highway	N/S	120th Street	124th Street	4,131	4,495	364	9%	4,049	4,358	309	8%	8,853	4	6-8	54,000	0.15	0.16	0.01	No
Metro	Avalon Boulevard	Major Highway	N/S	124th Street	El Segundo Boulevard	4,128	4,492	364	9%	4,049	4,358	309	8%	8,850	4	6-8	54,000	0.15	0.16	0.01	No
Metro	Avalon Boulevard	Major Highway	N/S	El Segundo Boulevard	135th Street	3,154	3,439	285	9%	3,161	3,340	179	6%	6,779	4	6-8	54,000	0.12	0.13	0.01	No
Metro	Avalon Boulevard	Major Highway	N/S	135th Street	Rosecrans Avenue	3,905	4,373	468	12%	3,906	4,292	386	10%	8,665	4	6-8	54,000	0.14	0.16	0.02	No
Metro	Avalon Boulevard	Major Highway	N/S	Rosecrans Avenue	Compton Boulevard	4,183	4,401	218	5%	4,200	4,454	254	6%	8,855	4	6-8	54,000	0.16	0.16	0.01	No
Metro	Avalon Boulevard	Major Highway	N/S	Compton Boulevard	Redondo Beach Boulevard	3,926	4,542	616	16%	3,972	4,650	678	17%	9,192	4	6-8	54,000	0.15	0.17	0.02	No
Metro	Avalon Boulevard	Major Highway	N/S	Redondo Beach Boulevard	San Pedro Street	4,086	4,512	426	10%	4,136	4,619	483	12%	9,131	4	6-8	54,000	0.15	0.17	0.02	No
Metro	Avalon Boulevard	Major Highway	N/S	San Pedro Street	Alondra Boulevard	10,612	11,481	869	8%	11,417	12,162	745	7%	23,643	6	6-8	54,000	0.41	0.44	0.03	No
Metro	120th Street	Secondary Highway	E/W	Van Ness Avenue	Western Avenue	10,930	11,610	680	6%	9,602	10,340	738	8%	21,950	4	4	36,000	0.57	0.61	0.04	No
Metro	120st Street	Secondary Highway	E/W	Western Avenue	Normandie Avenue	6,981	7,483	502	7%	6,632	7,185	553	8%	14,668	4	4	36,000	0.38	0.41	0.03	No
Metro	120nd Street	Secondary Highway	E/W	Normandie Avenue	Vermont Avenue	5,763	6,092	329	6%	5,307	5,625	318	6%	11,717	4	4	36,000	0.31	0.33	0.02	No
Metro	120rd Street	Secondary Highway	E/W	Central Avenue	Success Avenue	3,693	3,760	67	2%	3,529	3,602	73	2%	7,362	4	4	36,000	0.20	0.20	0.00	No
Metro	120th Street	Secondary Highway	E/W	Success Avenue	Compton Avenue	1,134	1,348	214	19%	1,188	1,320	132	11%	2,668	4	4	36,000	0.06	0.07	0.01	No
Metro	120th Street	Secondary Highway	E/W	Compton Avenue	Wilmington Avenue	1,853	2,071	218	12%	1,881	2,013	132	7%	4,084	4	4	36,000	0.10	0.11	0.01	No
Metro	120th Street	Secondary Highway	E/W	Wilmington Avenue	Metro Blue Line	6,072	7,738	1,666	27%	9,046	10,480	1,434	16%	18,218	2	4	36,000	0.42	0.51	0.09	No
Metro	120th Street	Secondary Highway	E/W	Metro Blue Line	Mona Boulevard	125	119	-6	-5%	124	124	0	0%	243	2	4	36,000	0.01	0.01	0.00	No
Metro	Imperial Highway	Major Highway	E/W	Van Ness Avenue	Western Avenue	9,648	10,136	488	5%	8,904	9,182	278	3%	19,318	6	6-8	54,000	0.34	0.36	0.01	No
Metro	Imperial Highway	Major Highway	E/W	Western Avenue	Normandie Avenue	16,492	17,080	588	4%	14,828	15,187	359	2%	32,267	6	6-8	54,000	0.58	0.60	0.02	No
Metro	Imperial Highway	Major Highway	E/W	Normandie Avenue	Vermont Avenue	16,189	17,093	904	6%	14,374	15,184	810	6%	32,277	6	6-8	54,000	0.57	0.60	0.03	No
Metro	Century Boulevard	Major Highway	E/W	Van Ness Avenue	Western Avenue	17,301	18,386	1,085	6%	16,645	17,525	880	5%	35,911	6	6-8	54,000	0.63	0.67	0.04	No
Metro	Century Boulevard	Major Highway	E/W	Western Avenue	Normandie Avenue	14,665	15,707	1,042	7%	14,809	15,494	685	5%	31,201	4	6-8	54,000	0.55	0.58	0.03	No
Metro	Gage Avenue	Secondary Highway	E/W	Central Avenue	Hooper Avenue	11,678	12,182	504	4%	12,766	13,074	308	2%	25,256	4	4	36,000	0.68	0.70	0.02	No
Metro	Gage Avenue	Secondary Highway	E/W	Hooper Avenue	Compton Avenue	11,392	11,658	266	2%	12,180	12,187	7	0%	23,845	4	4	36,000	0.65	0.66	0.01	No
Metro	Gage Avenue	Secondary Highway	E/W	Compton Avenue	Metro Blue Line	12,078	12,165	87	1%	12,385	12,467	82	1%	24,632	4	4	36,000	0.68	0.68	0.00	No
Metro	Gage Avenue	Secondary Highway	E/W	Holmes Avenue	Wilmington Avenue	12,645	12,905	260	2%	12,781	12,978	197	2%	25,883	4	4	36,000	0.71	0.72	0.01	No
Metro	Long Beach Boulevard	Major Highway	N/S	Florence Avenue	Broadway	4,968	5,165	197	4%	5,329	5,572	243	5%	10,737	4	6-8	54,000	0.19	0.20	0.01	No
Metro	Santa Fe Avenue	Major Highway	N/S	Florence Avenue	Nadeau Street	10,384	10,222	-162	-2%	11,036	10,962	-74	-1%	21,184	4	6-8	54,000	0.40	0.39	0.00	No
Metro	Santa Fe Avenue	Major Highway	N/S	Nadeau Street	Broadway	14,618	15,683	1,065	7%	15,124	16,324	1,200	8%	32,007	4	6-8	54,000	0.55	0.59	0.04	No
Metro	Santa Fe Avenue	Major Highway	N/S	Broadway	Sale Place	5,923	6,073	150	3%	6,460	6,737	277	4%	12,810	4						

APPENDIX B

Planning Area	Street Name	Classification	Direction	Street Limits		Northbound/Westbound				Southbound/Eastbound				2-Way Future 2035 Plus Project Model ADT	Lanes (2035 Model)	County General Plan Designated Buildout Lanes	LA County Maximum Capacity at LOS E	Future No Project Model V/C	Future 2035 Plus Project Model V/C	Difference in Model V/C	Exceeds Capacity Thresholds AND Δ ≥ 0.02 (Yes/No)
				From	To	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth	2035 No Project Model ADT	2035 With Project Model ADT	Difference	Percent Growth								
Metro	1st Street	Secondary Highway	E/W	Eastern Avenue	Humphreys Avenue	6,109	7,017	908	15%	5,929	6,900	971	16%	13,917	4	4	36,000	0.33	0.39	0.05	No
Metro	1st Street	Secondary Highway	E/W	Ford Boulevard	Mednik Avenue	6,847	7,759	912	13%	7,764	9,094	1,330	17%	16,853	4	4	36,000	0.41	0.47	0.06	No
Metro	1st Street	Secondary Highway	E/W	Mednik Avenue	Bleakwood Avenue	1,698	2,010	312	18%	1,820	1,990	170	9%	4,000	2	4	36,000	0.10	0.11	0.01	No
Metro	3rd Street	Major Highway	E/W	Indiana Street	Rowan Avenue	10,370	10,291	-79	-1%	12,255	12,093	-162	-1%	22,384	4	6-8	54,000	0.42	0.41	0.00	No
Metro	3rd Street	Major Highway	E/W	Rowan Avenue	Gage Avenue	8,614	8,362	-252	-3%	10,806	10,820	14	0%	19,182	4	6-8	54,000	0.36	0.36	0.00	No
Metro	3rd Street	Major Highway	E/W	Gage Avenue	Sunol Drive	12,552	13,931	1,379	11%	9,041	9,831	790	9%	23,762	4	6-8	54,000	0.40	0.44	0.04	No
Metro	3rd Street	Major Highway	E/W	Sunol Drive	Eastern Avenue	7,985	9,514	1,529	19%	9,733	10,992	1,259	13%	20,506	4	6-8	54,000	0.33	0.38	0.05	No
Metro	3rd Street	Major Highway	E/W	Eastern Avenue	Humphreys Avenue	5,116	5,746	630	12%	6,478	7,500	1,022	16%	13,246	4	6-8	54,000	0.21	0.25	0.03	No
Metro	3rd Street	Major Highway	E/W	Ford Boulevard	Mednik Avenue	5,056	5,207	151	3%	6,141	6,283	142	2%	11,490	2	6-8	54,000	0.21	0.21	0.01	No
Metro	3rd Street	Major Highway	E/W	Mednik Avenue	Beverly Boulevard	17,929	19,270	1,341	7%	20,431	21,447	1,016	5%	40,717	6	6-8	54,000	0.71	0.75	0.04	No
Metro	3rd Street	Major Highway	E/W	Beverly Boulevard	Atlantic Boulevard	6,115	6,635	520	9%	8,436	8,723	287	3%	15,358	6	6-8	54,000	0.27	0.28	0.01	No
Metro	3rd Street	Major Highway	E/W	Atlantic Boulevard	Hillview Avenue	11,106	11,730	624	6%	7,054	7,532	478	7%	19,262	4	6-8	54,000	0.34	0.36	0.02	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Indiana Street	Ditman Avenue	13,921	15,009	1,088	8%	9,355	10,415	1,060	11%	25,424	4	4	36,000	0.65	0.71	0.06	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Ditman Avenue	Rowan Avenue	3,539	4,085	546	15%	6,839	7,018	179	3%	11,103	4	4	36,000	0.29	0.31	0.02	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Rowan Avenue	Sunol Drive	5,034	5,530	496	10%	7,902	7,786	-116	-1%	13,316	4	4	36,000	0.36	0.37	0.01	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Sunol Drive	Eastern Avenue	7,799	9,982	2,183	28%	10,400	12,328	1,928	19%	22,310	4	4	36,000	0.51	0.62	0.11	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Ford Boulevard	Arizona Avenue	10,277	11,980	1,703	17%	10,332	11,751	1,419	14%	23,731	4	4	36,000	0.57	0.66	0.09	No
Metro	Whittier Boulevard	Secondary Highway	E/W	Arizona Avenue	Atlantic Boulevard	6,998	7,948	950	14%	7,069	7,922	853	12%	15,870	4	4	36,000	0.39	0.44	0.05	No
Metro	Whittier Boulevard	Major Highway	E/W	Atlantic Boulevard	Belden Avenue	6,229	7,516	1,287	21%	6,529	7,687	1,158	18%	15,203	4	6-8	54,000	0.24	0.28	0.05	No
Metro	Whittier Boulevard	Major Highway	E/W	Belden Avenue	Gethart Avenue	6,162	7,799	1,637	27%	6,567	8,021	1,454	22%	15,820	4	6-8	54,000	0.24	0.29	0.06	No
Metro	Whittier Boulevard	Major Highway	E/W	Gethart Avenue	Hendricks Avenue	5,826	7,382	1,556	27%	6,328	7,777	1,449	23%	15,159	4	6-8	54,000	0.23	0.28	0.06	No
Metro	Whittier Boulevard	Major Highway	E/W	Hendrick Avenue	Garfield Avenue	6,008	6,647	639	11%	6,719	7,245	526	8%	13,892	4	6-8	54,000	0.24	0.26	0.02	No
Metro	Olympic Boulevard	Major Highway	E/W	Indiana Street	Rowan Avenue	13,854	13,975	121	1%	17,198	16,986	-212	-1%	30,961	4	6-8	54,000	0.58	0.57	0.00	No
Metro	Olympic Boulevard	Major Highway	E/W	Rowan Avenue	Sunol Drive	9,159	10,108	949	10%	7,806	8,596	790	10%	18,704	4	6-8	54,000	0.31	0.35	0.03	No
Metro	Olympic Boulevard	Major Highway	E/W	Sunol Drive	Eastern Avenue	11,421	11,904	483	4%	9,224	9,810	586	6%	21,714	4	6-8	54,000	0.38	0.40	0.02	No
Metro	Olympic Boulevard	Major Highway	E/W	Ford Boulevard	Arizona Avenue	11,063	12,760	1,697	15%	13,175	14,905	1,730	13%	27,665	4	6-8	54,000	0.45	0.51	0.06	No
Metro	Olympic Boulevard	Major Highway	E/W	Arizona Avenue	Atlantic Boulevard	7,470	8,891	1,421	19%	9,226	10,679	1,453	16%	19,570	4	6-8	54,000	0.31	0.36	0.05	No
Metro	Olympic Boulevard	Major Highway	E/W	Atlantic Boulevard	Goodrich Boulevard	7,054	7,586	532	8%	8,157	8,600	443	5%	16,186	4	6-8	54,000	0.28	0.30	0.02	No
Metro	Olympic Boulevard	Major Highway	E/W	Goodrich Boulevard	Gethart Avenue	7,256	8,410	1,154	16%	7,552	8,603	1,051	14%	17,013	4	6-8	54,000	0.27	0.32	0.04	No
Metro	Olympic Boulevard	Major Highway	E/W	Gethart Avenue	Hendricks Avenue	7,256	8,410	1,154	16%	7,552	8,603	1,051	14%	17,013	4	6-8	54,000	0.27	0.32	0.04	No
Metro	Olympic Boulevard	Major Highway	E/W	Hendrick Avenue	Garfield Avenue	7,303	8,454	1,151	16%	7,499	8,594	1,095	15%	17,048	4	6-8	54,000	0.27	0.32	0.04	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Latigo Canyon Road	Pacific Coast Highway	3,987	4,896	909	23%	4,048	4,725	677	17%	9,621	2	6-8	54,000	0.15	0.18	0.03	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Mulholland Highway	Latigo Canyon Road	3,987	4,896	909	23%	4,048	4,725	677	17%	9,621	2	6-8	54,000	0.15	0.18	0.03	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Triunfo Canyon Road	Mulholland Highway	3,470	4,960	1,490	43%	3,764	5,044	1,280	34%	10,004	2	6-8	54,000	0.13	0.19	0.05	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Sierra Creek Road	Triunfo Canyon Road	9,158	10,320	1,162	13%	10,382	10,823	441	4%	21,143	2	6-8	54,000	0.36	0.39	0.03	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Troutdale Drive	Sierra Creek Road	9,134	10,224	1,090	12%	10,210	10,616	406	4%	20,840	2	6-8	54,000	0.36	0.39	0.03	No
Santa Monica Mountains	Kanan Dume Road	Major Highway	N/S	Cornell Road	Troutdale Drive	5,378	6,663	1,285	24%	6,788	7,238	450	7%	13,901	2	6-8	54,000	0.23	0.26	0.03	No
Santa Monica Mountains	Malibu Canyon Road	Major Highway	N/S	Adamson Flat/Palm Canyon	Pioma Road	8,366	9,996	1,630	19%	8,269	9,591	1,322	16%	19,587	2	6-8	54,000	0.31	0.36	0.05	No
Santa Monica Mountains	Malibu Canyon Road	Major Highway	N/S	Pioma Road	Mulholland Highway	7,421	8,088	667	9%	7,759	8,541	782	10%	16,629	2	6-8	54,000	0.28	0.31	0.03	No
Santa Monica Mountains	Malibu Canyon Road	Major Highway	N/S	Mulholland Highway	Lost Hills Road	8,759	9,778	1,019	12%	8,930	9,745	815	9%	19,523	2	6-8	54,000	0.33	0.36	0.03	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)	Secondary Highway	N/S	Pacific Coast Highway	Fernwood Pacific Drive	10,500	10,608	108	1%	11,045	11,386	341	3%	21,994	2	4	36,000	0.60	0.61	0.01	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)	Secondary Highway	N/S	Fernwood Pacific Drive	Old Topanga Canyon Road	11,346	11,976	630	6%	12,449	12,884	435	3%	24,860	2	4	36,000	0.66	0.69	0.03	No
Santa Monica Mountains	Topanga Canyon Boulevard (SR-27)	Secondary Highway	N/S	Old Tapanga Canyon Road	Keller Road	5,100	6,245	1,145	22%	5,947	6,317	370	6%	12,562	2	4	36,000	0.31	0.35	0.04	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Lechusa Road	Kanan Road	4,108	6,032	1,924	47%	3,684	5,657	1,973	54%	11,689	2	4-8	44,000	0.18	0.27	0.09	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Kanan Road	Sierra Creek Road	686	1,059	373	54%	494	939	445	90%	1,998	2	4-8	44,000	0.03	0.05	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Sierra Creek Road	Troutdale Drive	857	1,266	409	48%	519	1,036	517	100%	2,302	2	4-8	44,000	0.03	0.05	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Troutdale Drive	Lake Vista Drive	4,280	4,644	364	9%	4,275	4,597	322	8%	9,241	2	4-8	44,000	0.19	0.21	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Lake Vista Drive	Cornell Road	1,063	1,213	150	14%	1,170	1,239	69	6%	2,452	2	4-8	44,000	0.05	0.06	0.00	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Cornell Road	Udell Road	5,423	5,632	209	4%	5,683	6,211	528	9%	11,843	2	4-8	44,000	0.25	0.27	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Udell Road	Las Virgenes Road	5,423	5,632	209	4%	5,683	6,211	528	9%	11,843	2	4-8	44,000	0.25	0.27	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Las Virgenes Road	Cold Canyon Road	3,297	3,707	410	12%	3,390	3,800	410	12%	7,507	2	4-8	44,000	0.15	0.17	0.02	No
Santa Monica Mountains	Mulholland Highway	Expressway	E/W	Cold Canyon Road	Stunt Road	2,430	2,886	456	19%	2,894	4,009	1,115	39%	6,895	2	4-8	44,000	0.12	0.16	0.04	No